Form No. H-162C

MILLERS FALLS TOOLS
SINCE 1868

HAND TOOLS

PRECISION TOOLS

MILLERS FALLS COMPANY • GREENFIELD, MASS., U. S. A.

IMPORTANT INFORMATION

SPECIFICATIONS

Standard specifications for each tool appear in this catalog. No deviations will be made unless severe difficulty is met in procuring certain materials, or improvements in construction and finishes are made.

WARRANTY

Every tool stamped with the Millers Falls name is warranted free from imperfections and defects in material or workmanship. Our obligation under this warranty is expressly limited to the following: If any tool proves to be imperfect or defective under conditions of normal use, we agree to repair or replace the tool if immediately returned to our factory at Greenfield, Massachusetts, transportation charges prepaid. Under no circumstances, however, do we assume responsibility for breakage where flaws do not appear or for tools which have suffered from abusive treatment or which have been stamped with the owner's name, changed or experimented upon. No dealer is authorized to make replacements for us. This warranty is made in lieu of all other warranties, expressed or implied, and all other obligations on our part. We neither assume nor authorize any agent or other person to assume for us any further liability in connection with the sale of our tools.

RETURNED GOODS

No goods are to be returned to us without authorization from our Sales Department at Greenfield, Massachusetts; if return is authorized, transportation charges are to be prepaid. We shall not be responsible for any goods returned to us without our authorization. Distributors must have permission for the return from the Sales Department at Greenfield. We must be advised of distributor's order number and date against which the goods were purchased. This is important in determining the credit to be allowed. We will not allow goods to be returned after one year from date of purchase. The goods must be in new saleable condition. If necessary to rebox or refinish in anyway — at least a 10% handling charge will be taken from the credit issued. We cannot accept the return of discontinued goods.

PARTS AND REPAIRS

Parts for repair of every tool shown in this catalog are available. When ordering, please give the number and description of the part and indicate the type and number of the tool for which the part is needed. Whenever possible, it is recommended that the customer make his own repairs in order to avoid the expense of round-trip transportation for tool handling. When a major repair is necessary by our Factory Service Station in Greenfield, please pack the tool carefully, including a tag with your name and address, prepay the shipping charges and write a covering letter describing the operating difficulty. Please indicate if you want a repair quotation made before work is started. If you send your tool for repair under warranty and if you prepay incoming shipping charges, it will be returned to you with return shipping charges prepaid.

Catalog No. H-9P9 available showing parts for Bit Braces; Automatic, Breast, Chain and Hand Drills; Mitre Boxes; Bench, Block, Rabbet and Router Planes; and Spiral Ratchet Screwdrivers.

MILLERS FALLS TOOLS SINCE 1868 ®

MILLERS FALLS COMPANY • Greenfield, Massachusetts

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MILLERS FALLS TOOLS

SINCE 1868

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NO. 1405 AWL

Alloy steel blade is nicely pointed and firmly set in black hardwood handle. Nickel plated ferrule protects handle. Length of point — 4 inches. Overall length — 7 inches.

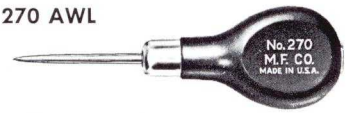
Packed 6 in a box. Shipping weight: 12 oz.

NO. 10 AWL

Similar to No. 1405, but shorter. Length of point — 2¾ inches. Overall length — 4⅞ inches.

Packed 12 in a box. Shipping weight: 12 oz.

NO. 270 AWL



Blade length 3½ inches long; Blade polished, ferrule plated; Birch handle painted black, tumble polished head; Rugged bolster.

Packed 6 per box. Shipping weight: ¾ lb.

NO. 365 AWL

Forged alloy steel blade is tempered and polished. Pointed blade runs through handle and locks into steel head. Lacquer birch handle is protected by nickel plated ferrule. Length of point — 3¾ inches. Overall length — 7 inches.

Packed 6 in a box. Shipping weight: 1⅛ lbs.

NO. 599 CAMPER'S AXE

Sturdy, one-piece Heat Treated steel forging contoured for smooth swinging and easy handling. Perfectly balanced, with razor-sharp and sure-grip rubber handle. Leather sheath included.

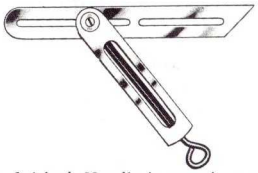
Packed 2 in a box. Shipping weight: 3⅞ lbs.

NO. 98 BEVEL

8 inch blade; Black, rust-resistant finish; Solid knurled brass locking nut; Lacquered Goncalo handle.

Packed 4 in a box. Shipping weight: 1 lb.

NO. 1408 BEVEL



Eight-inch blade is highly finished. Handle is one-piece cast iron frame. Plated and highly polished. Locking device operated by turning knob at the end of handle.

Packed 3 in a box. Shipping weight: 1¾ lbs.

NO. 47 AND 48 EXPANSIVE BITS

Finely made, beautifully finished bits of the Clark pattern type. Finest quality bit steel. Two cutters for each bit.

No.	*Capacity*	*Shipping Weight*
47	½″ — 1½″	¼ lb.
48	⅞″ — 3″	½ lb.

Packed 1 in a box.

Extra Cutters

No.	*Fitting No.*	*Capacity*	*No.*	*Fitting No.*	*Capacity*
1	47	½″ — ⅞″	4	48	1¾″ — 3″
2	47	⅞″ — 1½″	5	48	3″ — 4″
3	48	⅞″ — 1¾″	6	48	4″ — 5″

Packed singly.

NO. 151 AND 152 EXPANSIVE BITS

Positive screw adjustment of cutter absolutely prevents shifting. One complete turn of screw increases or decreases diameter of hole ⅛ inch. Two cutters for each bit.

No.	*Capacity*	*Shipping Weight*
151	⅝″ — 1¾″	6 oz.
152	⅞″ — 3″	9 oz.

Packed 1 in a box.

Extra Cutters

No.	*Fitting No.*	*Capacity*	*No.*	*Fitting No.*	*Capacity*
1	151	⅝″ — 1⅛″	4	152	1¾″ — 3″
2	151	1⅛″ — 1¾″	5	152	3″ — 4″
3	152	⅞″ — 1¾″	6	152	4″ — 5″

Packed singly.

NO. 56 BENCH HOOK

Easily inserted in any bench. Four faces adjustable to any height up to 1¼″.

Packed 6 in a box.
Shipping weight: 3¾ lbs.

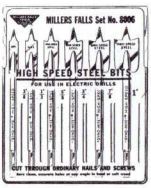
NO. 800 POWER BITS

High speed steel bits. Cut fast and clean in hard and soft woods, plastics, plywood, and similar materials — even cut through ordinary nails or screws encountered in floors and partitions. Recommended for drills with high R.P.M. Depth of cut — 5 inches. Chuck end of all sizes is ¼ inch with flats milled for 3-jawed chuck. Overall length — 6½ inches.

No.	Hole Diameter	Shank Diameter	Shipping Weight
800-3/8"	3/8"	1/4"	5/8 lb.
800-1/2"	1/2"	1/4"	5/8 lb.
800-9/16"	9/16"	5/16"	3/4 lb.
800-5/8"	5/8"	5/16"	3/4 lb.
800-11/16"	11/16"	5/16"	7/8 lb.
800-3/4"	3/4"	5/16"	7/8 lb.
800-13/16"	13/16"	3/8"	1 lb.
800-7/8"	7/8"	3/8"	1 lb.
800-1"	1"	3/8"	1 1/8 lbs.

Packed 6 in a box.

NO. 8004 AND 8006 POWER BIT SETS



Available in two sizes — one with 4 Bits and one with 6 Bits — both in handsome, plastic carrying rolls.

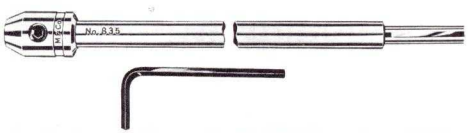
No. 8004 Plastic Roll with set of 4 (½", 5/8", ¾", 1").

Packed 1 in a box. Shipping weight: 5/8 lb.

No. 8006 Plastic Roll with set of 6 (3/8", ½", 5/8", ¾", 7/8", 1").

Packed 1 in a box. Shipping weight: 7/8 lb.

NO. 835 POWER BIT EXTENSION



12 inches long. Takes any size No. 800 Power Bit and follows through behind 11/16" and larger bits. Can be used singly or in series. With hex key. Nickel plated and polished.

Carded and packed 4 in a box. Shipping weight : 2⅛ lbs.

NO. 8002 POWER BIT MERCHANDISER

A free display for counter or wall use — measuring only 20" x 14¼" x 7½". Bit assortment is as follows:

4 ea. Nos. 800 — 3/8", ½", 5/8", ¾", 7/8", 1"
2 ea. Nos. 800 — 9/16", 11/16", 13/16"
2 ea. Nos. 835 — 12" Power Bit Extensions

Each bit packed in a plastic sleeve.
Extensions on display cards.
Entire unit packed 1 in a box. Shipping weight: 8 lbs.

NO. 838 HEAVY DUTY POWER BITS

Bore big holes easily with high speed steel blades that cut through ordinary nails, obstructions, etc., found in floors and partitions. Milled flats for firm chuck grip. Fit any 3/8" or larger drill. May also be used in ¼" drills with Shank Adapter or Quick-Change Chuck. Depth of cut, 7". Length overall, 8 3/8".

No.	Hole Diameter	Shank Diameter	Pkg.	Shipping Weight
838 — 5/8"	5/8"	3/8"	6	1½ lbs.
838 — 3/4"	3/4"	3/8"	6	1 5/8 lbs.
838 — 7/8"	7/8"	3/8"	6	1 5/8 lbs.
838 — 1"	1"	3/8"	6	1¾ lbs.
838 — 1 1/8"	1 1/8"	½"	4	1¾ lbs.
838 — 1 1/4"	1 1/4"	½"	4	1 7/8 lbs.
838 — 1 3/8"	1 3/8"	½"	4	1 7/8 lbs.
838 — 1½"	1½"	½"	4	2 lbs.

NO. 8380 POWER BIT MERCHANDISER

Free colorful display only 3" x 12½". Tool assortment is as follows:

2 No. 838 5/8" Bits	2 No. 838 1 1/8" Bits
2 No. 838 3/4" Bits	2 No. 838 1 1/4" Bits
2 No. 838 7/8" Bits	2 No. 838 1 3/8" Bits
2 No. 838 1" Bits	2 No. 838 1½" Bits
1 No. 8381 Shank Adapter	1 No. 8382 Quick Change Chuck

Packed 1 in a box. Shipping weight: 8 lbs.

NO. 8381 SHANK ADAPTER

Specially designed to permit use of No. 838 Power Bits and No. 8383 Extension in ¼" electric drills. 3/8" socket fits bits — ¼" shank fits drill chuck.

Carded and packed 6 in a box.
Shipping weight: ¾ lb.

NO. 8382 QUICK-CHANGE CHUCK

Pull back spring-loaded sleeve and slip No. 838 Bit or No. 8383 Extension into socket. Release sleeve and ball locks tool in position. Chuck screws directly onto 3/8" — 24 spindles of ¼" and 3/8" drills. No. 8384 Adapter available for use on ½" — 20 spindles of ½" drills.

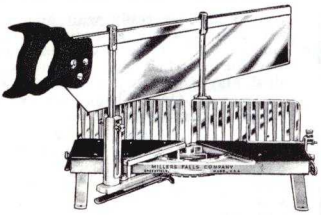
Carded and packed 4 in a box.
Shipping weight: 1⅛ lbs.

NO. 8383 POWER BIT EXTENSION (14 inch)

Takes all sizes of 838 Power Bits and follows through behind ¾" or larger bits. Chuck end. 3/8" with 3 milled flats. Nickel plated and polished.

Carded and packed 4 in a box. Shipping weight: 2½ lbs.

LANGDON ACME MITRE BOXES



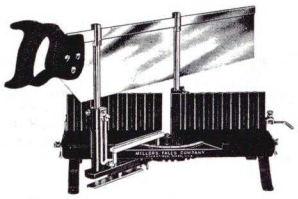
"Langdon Acme" mitre boxes, world famous for quality, offer years of rugged, accurate performance. One-piece cast iron bed and back for strength. "Oilite" bearing saw guides. Steel, swinging lever and posts. Graduated arc and index plate. High grade saw accurately fitted to box. Extendable swinging lever travels freely from 45° to 90°, right or left, and locks at any desired angle (automatically locks at 0°, 9°, 22½°, 30° and 45°, right or left). Automatic catch holds saw elevated when desired. Length gauge and acute angle adjustment. Capacity all sizes — 10½″ at right angles — 7¼″ at mitre.

Complete with Saw

No.	*Size Saw*	*Shipping Weight*
72C	24″ x 4″	32 lbs.
73C	26″ x 4″	34 lbs.
74C	28″ x 5″	36 lbs.
75C	30″ x 5″	38 lbs.

Packed 1 in a carton.

ALL STEEL MITRE BOXES



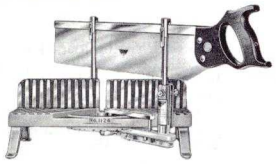
Same as Langdon Acme boxes except that these boxes are all steel construction.

Complete with Saw

No.	*Size Saw*	*Shipping Weight*
1285C	28″ x 5″	32 lbs.
1305C	30″ x 5″	34 lbs.
1306C	30″ x 6″	34 lbs.

Packed 1 in a carton.

ECONOMY MITRE BOX

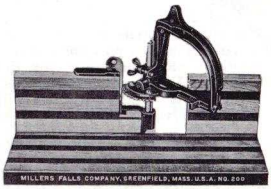


Patterned after the Langdon Acme but smaller. Most accurate mitre box of its size on the market. One-piece cast iron bed and back. Swinging lever (45° to 90°, right or left) automatically locks in most used angles. All exposed parts except saw are nickel plated or painted. Automatic catch holds saw elevated when desired. Capacity — 8¾″ at right angles — 6″ at mitre.

No.		*Shipping Weight*
1124	With 24″ x 4″ Saw	30 lbs.
1120	Supplied without Saw	25 lbs.

Packed 1 in a carton.

NO. 200 WOOD FRAME MITRE BOX



Laminated wood frame. Saw guide mounted on steel post and designed for use with a back saw or hand saw. Has steel index plate. Guide may be swung and locked at any desired angle. Dimensions: 16″ x 4¾″ x 4″.

Packed 1 in a carton. Shipping weight: 6⅞ lbs.

ADJUSTABLE MITRE BOX

Sturdy steel and wood construction. Heavy pressed steel back. Die cast saw guide post. Positive depth lock, adjustable 0″ to 3″. Accurate angle cuts 0° to 50° with graduated index plate and quick-acting lock. Lacquered hardwood bed. Holes in steel legs for bench fastening. Front legs "lipped" for bench stops when sawing. Accommodates standard hand or back saw.

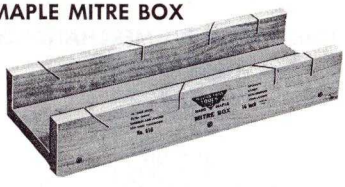
Complete with Saw

No.	*Size Saw*	*Shipping Weight*
1816	4″ x 16″	6⅝ lbs.

Without Saw

No.		*Shipping Weight*
816	For 4″ Saw	5 lbs.

HARD MAPLE MITRE BOX

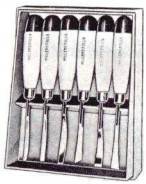


Made of selected kiln dried rock maple. Extra-broad 5″ width. Entire length of front is "lipped" at bottom to hold box firmly against bench edge. Precision cut edges are jointed and rabbeted to prevent misalignment. One 45° face mitre, two regular 45° mitres, and one 90° square cut.

No.	*Length*	*Shipping Weight*	*Packed*
612	12″	27 lbs.	12 per box
616	16″	18 lbs.	6 per box

Saws for all mitre boxes available. Order by saw size.

NO. 106 CARVING TOOL SET



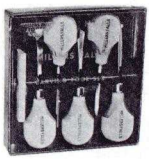
Six tools selected to give a wide range of applications in wood, soap and linoleum. High quality forged steel blades heat treated, polished and edged. Hardwood mahogany lacquered handles protected with nickeled ferrules. Overall length — 6¼".

Individual Tools for Set No. 106

A — 5/16" Straight Chisel
B — 5/16" Bent Chisel
C — 5/16" Skew Bevel Chisel
D — 5/16" Bent Gouge
E — 7/32" "U" Tool
F — 3/16" Veining Tool

Packed 1 in a box. Shipping weight: 10 oz.
Individual tools available separately.

NO. 107 CARVING TOOL SET



Designed for individuals who enjoy wood, soap and linoleum block carving. Forged, heat treated blades edged and polished. Lacquered maple handles so designed to fit snugly in palm of hand. Overall length — 5". Furnished with sharpening stone.

Individual Tools for Set No. 107

B–5/16" Bent Chisel
C–5/16" Skew Bevel Chisel
D–5/16" Bent Gouge
E–7/32" "U" Tool
F–3/16" Veining Tool
S–Carborundum Sharpening Stone

Packed 1 in a box. Shipping weight: 10 oz.
Individual tools available separately.

NO. 502A CORNER BRACE

Ideal for boring in corners, against walls and beams. Master chuck holds round and square shanks. Ball thrust bearing at chuck. Machine cut steel gears. Frame black enameled. Exposed parts nickel plated and buffed. Head and handle hardwood mahogany finished. Sweep — 10".

Packed 2 in a box. Shipping weight: 10⅜ lbs.

NO. 5-6-7 DRILL CHUCKS

All steel, constructed with three hardened jaws actuated by concealed springs protected from damage. Nicely knurled shells for good grip. Regularly fitted with ½" round shanks 2½" long. Also furnished with flattened shank for set screw without extra charge.

With Shanks

No.	*Capacity*	*Shell Diameter*	*Shipping Weight*
5	¼"	1"	½ lb.
6	⅜"	1¼"	¾ lb.
7	½"	1½"	1⅛ lbs.

Packed 1 in a box.

Without Shanks

No.	*Capacity*	*Shell Diameter*	*Backs Threaded*	*Shipping Weight*
5	¼"	1"	7/16" (.432) 22NS	¼ lb.
6	⅜"	1¼"	7/16" (.432) 22NS	½ lb.
7	½"	1½"	9/16" (.560) 24NS	¾ lb.

Packed 1 in a box.

NO. 15-15½-16 DRILL CHUCKS

Made of steel throughout with three hardened jaws actuated by springs. Supplied with or without ½" round shanks as desired. Shells polished and knurled and easily tightened and loosened by hand.

With Shanks

No.	*Capacity*	*Shell Diameter*	*Shipping Weight*
15	¼"	1"	⅜ lb.
15½	⅜"	1-5/16"	⅝ lb.
16	½"	1½"	1 lb.

Packed 1 in a box.

Without Shanks

No.	*Capacity*	*Shell Diameter*	*Backs Threaded*	*Shipping Weight*
15	¼"	1"	7/16" (.443) 26NS	¼ lb.
15½	⅜"	1-15/16"	15/32" (.467) 24NS	½ lb.
16	½"	1½"	9/16" (.560) 24NS	⅝ lb.

Packed 1 in a box.

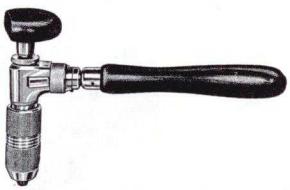
MORSE TAPER DRILL CHUCKS

These chucks are fitted with accurately turned No. 1 and No. 2 Morse Taper Shanks. All steel bodies polished and knurled with three hardened jaws actuated by springs. Easily tightened or loosened by hand.

No.	*Capacity*	*Shipping Weight No. 1 M.T.*	*Shipping Weight No. 2 M.T.*
15 M.T.	0–¼"	⅜ lb.	½ lb.
15½ M.T.	0–⅜"	—	¾ lb.
16 M.T.	0–½"	1 lb.	1⅛ lbs.

Packed 1 in a box.

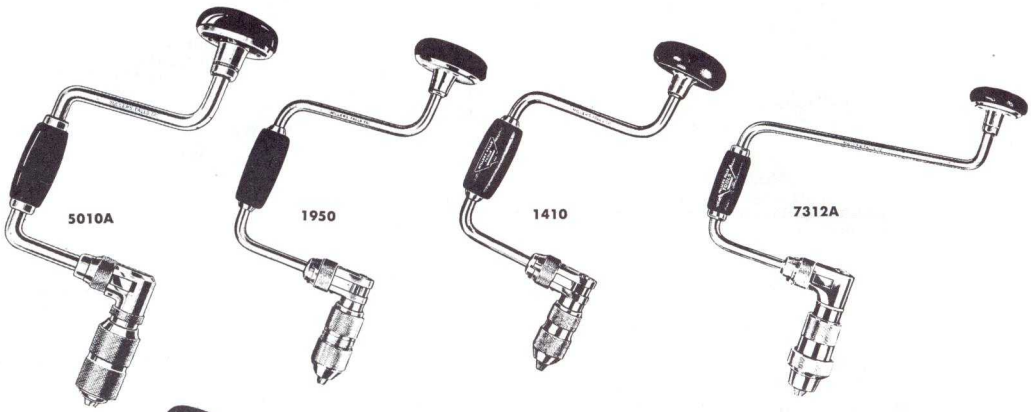
NO. 737 RIGHT ANGLE BRACE

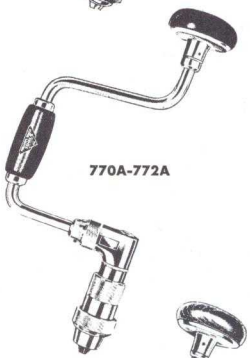


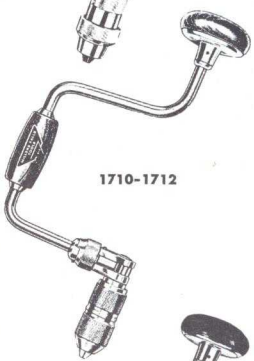
Bores holes in close quarters. Knurled ring between head and boxed ratchet mechanism can be turned by hand to start and hold bit in wood until ratchet is operated. Self-centering chuck holds square and round shank bits. Exposed metal parts nickel plated. Attractively finished hardwood handles.

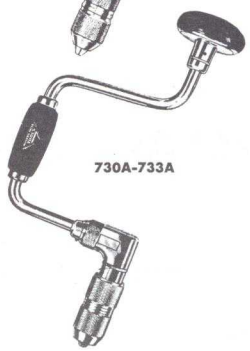
Packed 2 in a box. Shipping weight: 5½ lbs.

MILLERS FALLS TOOLS
SINCE 1868









NO. 5010A DELUXE BRACE

A beautifully designed bit brace with all exposed metal parts chrome plated. New style full ball bearing chuck with self-centering jaws gives greater accuracy resulting in straighter boring. Holds square and round (⅛" to ½" dia.) shanks. Transparent red "Tenite" handle and head on "Oilite" bearings. Sweep — 10".

Packed 1 in a box. Shipping weight: 4⅛ lbs.

NO. 1950 RATCHET BRACE

A high quality brace with appealing style and medium price. Glossy red "Tenite" unbreakable plastic head and handle. Semi-boxed steel ratchet. Exposed metal parts nickel plated. Barber pattern chuck with forged steel jaws. Sweep — 10".

Packed 2 in a box. Shipping weight: 5¾ lbs.

NO. 1410 RATCHET BRACE

A serviceable brace at a popular price. Equipped with a Barber chuck with alligator jaws and a semi-boxed ratchet mechanism operated by a knurled ring shift. Handles are rich black stained hardwood. Exposed metal parts polished. Sweep — 10".

Packed 4 in a box. Shipping weight: 9¼ lbs.

NO. 770A-772A RATCHET BRACES

Fine quality brace equipped with "Lion" ball bearing, self-centering chuck holding round (⅛" to ½" dia.) and square shanks. Boxed ratchet with ring shift. Tropical hardwood head and handle. Exposed metal parts nickel plated and buffed.

No.	*Sweep*	*Shipping Weight*
770A	14"	8¾ lbs.
771A	12"	7¾ lbs.
772A	10"	7⅜ lbs.

Packed 2 in a box.

NO. 730A-733A RATCHET BRACES

Our fastest selling brace. Boxed ratchet mechanism. Has new self-centering chuck. Holds square and round shanks ⅛" to ½" dia. Tropical hardwood head and handle. Exposed parts nickel plated.

No.	*Sweep*	*Shipping Weight*
730A	14"	8⅝ lbs.
731A	12"	7¾ lbs.
732A	10"	7 lbs.
733A	8"	6⅜ lbs.

Packed 2 in a box.

NO. 1710-1712 RATCHET BRACES

Equipped with a Barber chuck with alligator jaws and semi-boxed steel ratchet. Knurled shifter ring controls ratchet mechanism. Steel clad, ball bearing head and sweep handles made from top-grade hardwood with natural cherry finish. Exposed parts nickel plated.

No.	*Sweep*	*No. Packed in Box*	*Shipping Weight*
1710	10"	4	10½ lbs.
1712	12"	2	5¾ lbs.

NO. 7312A WHIMBLE BRACE

A double leverage brace for extra heavy work as encountered in dock, railroad and other heavy construction work. New style full ball bearing chuck with self-centering jaws. Heavy 9/16" dia. sweep rod. Boxed ratchet with ring shift. Tropical hardwood handle and ball bearing head. Exposed metal parts nickel plated. Sweep — 12".

Packed 2 in a box. Shipping weight: 8¾ lbs.

NO. 1140 CAPE CHISELS

Hammer-forged from fine quality octagon alloy steel. Careful heat treating gives uniform high grade tool. Ground and nicely polished blades and heads.

No.	Width of Point	Stock	Overall Length	Pkg.	Shipping Weight
1140	1/8"	3/8"	5"	12	1 5/8 lbs.
1140	3/16"	3/8"	5"	12	1 3/4 lbs.
1140	1/4"	3/8"	5"	12	1 7/8 lbs.
1140	5/16"	1/2"	6"	6	1 7/8 lbs.
1140	3/8"	5/16"	7"	6	3 1/4 lbs.
1140	1/2"	3/4"	7 1/2"	6	5 1/8 lbs.

NO. 1150 COLD CHISELS

Made from same octagon alloy steel as No. 1140 and No. 1190. Gray Lacquer finish.

No.	Width of Blade	Stock	Overall Length	Pkg.	Shipping Weight
1150	1/4"	1/4"	5"	12	7/8 lb.
1150	3/8"	5/16"	5"	12	1 3/8 lbs.
1150	1/2"	3/8"	5"	12	1 7/8 lbs.
1150	5/8"	1/2"	6 1/2"	6	2 1/8 lbs.
1150	3/4"	5/8"	7"	6	3 1/2 lbs.
1150	1"	7/8"	8"	3	3 7/8 lbs.

NO. 1178 DIAMOND POINT CHISELS

Hammer-forged octagon alloy steel chisels, heat treated, ground and polished. Finished with gray lacquer.

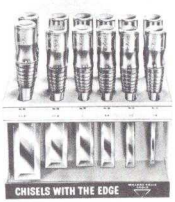
No.	Width of Blade	Stock	Overall Length	Pkg.	Shipping Weight
1178	5/32"	3/8"	5"	12	1 3/4 lbs.
1178	1/4"	1/2"	6"	6	1 7/8 lbs.
1178	3/8"	5/8"	7"	6	3 1/2 lbs.

NO. 1190 ROUND NOSE CAPE CHISELS

Same as No. 1140 except with round nose.

No.	Width of Point	Stock	Overall Length	Pkg.	Shipping Weight
1190	1/8"	3/8"	5"	12	1 5/8 lbs.
1190	1/4"	1/2"	6"	6	1 3/4 lbs.
1190	3/8"	5/8"	7"	6	3 1/4 lbs.

3066 BUTT CHISEL MERCHANDISER



Displays premium quality No. 30 Butt Chisels. Compact metal unit: 9" x 9 3/4" x 4 1/2". White enamel finish. Assortment: 2 each 1/4", 1/2", 3/4", 1", 1 1/4", and 1 1/2" chisels. Merchandiser free when ordered with the chisel assortment.

Shipping weight: 7 3/8 lbs.

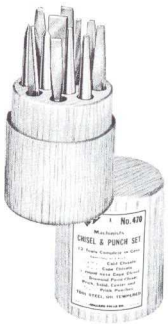
NO. 30 3" BUTT CHISELS

Perfectly balanced butt chisels for heavy duty use. Tapered 3" polished blade in widths from 1/4" to 2". Blade and tang forged from single piece of alloy steel for superior strength. Tang extends into steel-capped transparent red "Tenite" handle for protection against repeated hammering. Steel cap.

Sizes	Shipping Weight	Sizes	Shipping Weight
1/4"	3/4 lb.	1"	1 1/8 lbs.
3/8"	3/4 lb.	1 1/4"	1 1/4 lbs.
1/2"	7/8 lb.	1 1/2"	1 5/8 lbs.
5/8"	7/8 lb.	2"	1 3/4 lbs.
3/4"	1 1/8 lbs.		

Packed 2 in a box.

NO. 470 CHISEL AND PUNCH SET



Selected assortment of twelve fine quality forged chisels and punches. Set consists of following:

1	No. 1190	1/8" Round Nose Cape Chisel
1	No. 1199	3/8" Prick Punch
1	No. 1202	3/8" Center Punch
1	No. 1195	5/32" Solid Punch
1	No. 573	3/32" Pin Punch
1	No. 573	1/8" Pin Punch
1	No. 1150	1/4" Cold Chisel
1	No. 1150	3/8" Cold Chisel
1	No. 1150	1/2" Cold Chisel
1	No. 1140	1/8" Cape Chisel
1	No. 1140	1/4" Cape Chisel
1	No. 1178	5/32" Diamond Point Chisel

Packed 1 set in round hardwood box. Shipping weight: 2 lbs.

NO. 1430 WOOD CHISELS

Have long tapering tangs and thin blades which make sharpening easier and facilitate deep cuts. Heavy bolsters protect blade from hammer shock. Blades and bolsters are forged in one piece of high-carbon chisel steel. Transparent plastic handles have deep covers for firm grip. Length of blade 2 1/2".

Sizes	Shipping Weight
1/4"	1 1/8 lbs.
3/8"	1 1/4 lbs.
1/2"	1 3/8 lbs.
3/4"	1 5/8 lbs.
1"	1 3/4 lbs.
1 1/4"	2 lbs.
1 1/2"	2 1/4 lbs.

Packed 6 in a box.

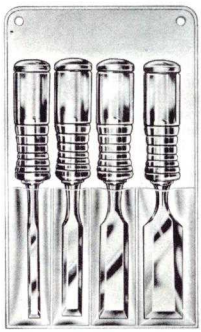
1466 WOOD CHISEL MERCHANDISER

Similar to the No. 3066 in size and construction. Hammertone gray enamel. Assortment: 3 each No. 1430 1/4", 1/2", 3/4", 1", 1 1/4", and 1 1/2" wood chisels.

Merchandiser free when ordered with the above chisel assortment.

Shipping weight: 6 3/8 lbs.

NO. 1434 WOOD CHISEL SET



Set of four: ¼", ½", ¾" and 1" Wood Chisels, in plastic carrying case.

Packed 4 in a box. Shipping weight: 4 lbs.

NO. 240 CHISEL SHARPENER

A simple positive device for honing plane irons and chisels at any desired angle. More accurate than free hand honing and lengthens life of blade. Capacity — 2⅝ inches.

Packed 1 in a box. Shipping weight: ⅜ lb.

NO. 4100 COUNTERSINK AND SCREWDRIVER BIT MERCHANDISER

ATTRACTIVE MERCHANDISER FREE WITH FOLLOWING ASSORTMENT. BASE SIZE 5 x 6¾".

6 No. 410 Countersinks
4 No. 394 Countersinks
2 No. 810 ¾" Countersinks
3 No. 810 ⅜" Countersinks
3 No. 810 1/2" Countersinks
2 No. 351 4/16" Screwdriver Bits
2 No. 351 5/16" Screwdriver Bits
2 No. 351 6/16" Screwdriver Bits

Packed 1 in a carton. Shipping weight: 3½ lbs.

NO. 410 COUNTERSINK

Countersinks holes for standard screws in mild steel, iron, soft metals, wood, etc. High quality steel with milled flutes and ground edges. Has ¼" round shank for use in hand or power drills. Angle 82°, ½" diameter.

Packed 12 in a box. Shipping weight: ½ lb.

NO. 710 HIGH SPEED COUNTERSINKS

For use in any machinable material. Five flutes with 82° angle. High Speed Steel with ground edges for fast, clean cut. Overall length — 2⅝". ¼" shank. Blister packed.

No.	*Diameter*	*Shipping Weight*
710	½"	¼ lb.
710	⅝"	⅜ lb.
710	¾"	½ lb.

Packed 4 in a box.

NO. 810 COUNTERSINKS

Cut fast and clean in mild steel, non-ferrous metals, wood and similar materials. Made of fine grade tool steel with carefully hardened, tempered and ground flutes. Square bit brace shanks — 82° angle.

No.	*Diameter*	*Length*	*Shipping Wt.*
810	½"	4¼"	⅝ lb.
810	⅝"	4¼"	¾ lb.
810	¾"	4¼"	⅞ lb.

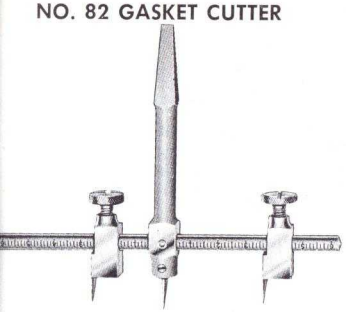
Packed 6 in a box.

NO. 394 FORGED COUNTERSINK

Two-lipped cutter with square shank for bit braces and two-jawed chucks. Forged steel, hardened, tempered and polished. Cutter ¾" diameter — 82° angle.

Packed 6 in a box. Shipping weight: 12 oz.

NO. 82 GASKET CUTTER



Made entirely of steel with hardened, tempered tool steel cutters and point. Heavy graduated steel beam. Hardened square bit brace shank. Point and cutters are easily replaceable. Capacity — 5/8" to 6".

Packed 1 in a box.
Shipping weight: 9 oz.

NO. 1 GLASS CUTTER

Original turret head cutter, famous for high grade performance at low cost. Turret turned from solid bar steel, heat treated and rust-proofed by Udelyte process. Six tested wheels mounted on numbered turret axle can be used successively. Hardwood mahogany lacquered handle. Nickeled frame and ferrule. Overall length — 5 3/8".

Packed 1 in a box: 12 boxes in display carton.
Shipping weight: 3/4 lb.

Extra Wheels, Type C. (Also fit No. 478.)
Packed 12 in an envelope. Shipping weight: 1/4 oz.

NO. 129 GLASS CUTTER

Die cast frame. Well balanced. Comfortable handle. Breaker ball on end. Type "C" wheel; 3 widths of breaker notches 5 1/4" long.

Packed 1 per plastic sleeve — 20 in box. Shipping weight: 3/4 lb.

NO. 337 GLASS CUTTER

Well balanced cutter with comfortable handle. Has breaker ball in end. Polished frame with type "D" wheel and three widths of breaker notches. Length — 5".

Packed 1 in a plastic sleeve: 12 sleeves in a box.
Shipping weight: 7/8 lb.

Extra Wheels, Type D. (Also fit No. 444.)
Packed 12 in an envelope. Shipping weight: 1/4 oz.

NO. 444 GLASS CUTTER

Handle drops into natural position between first two fingers and can be used for hours without discomfort. Equipped with type "D" wheel set in a well-polished frame with three standard widths of breaker notches. Length — 5 1/4".

Packed 1 in a plastic sleeve: 12 sleeves in a box.
Shipping weight: 7/8 lb.

Extra Wheels, Type D. (Also fit No. 337.)
Packed 12 in an envelope. Shipping weight: 1/4 oz.

NO. 66 CARBIDE WHEEL GLASS CUTTER

Designed especially for glass factories and large users of glass. Cast iron frame with three standard breaker notches. Carbide wheel for cleaner cuts and long lasting service. Length — 5 1/4".

Packed 1 in a plastic sleeve: 4 sleeves in a box.
Shipping weight: 3/8 lb.

Extra Wheels for No. 66
Packed singly.

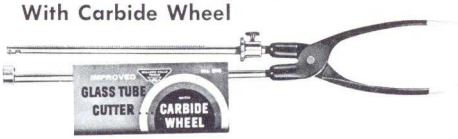
NO. 478 CIRCULAR GLASS CUTTER

Equipped with a honed and tested wheel in head at end of graduated beam. Will cut circles of any diameter from 2 to 12 inches. Red enameled standard has rubber base to prevent slipping.

Packed 1 in a box. Shipping weight: 1/2 lb.

Extra Wheels, Type C. (Also fit No. 1.)
Packed 12 in an envelope. Shipping weight: 1/4 oz.

NO. 218 GAUGE GLASS CUTTER With Carbide Wheel



Improved glass tube cutter with carbide wheel. Graduated steel beam. 6 1/2 inches long, nickel plated, with gauge stop. Easily cuts the heavy glass used on boiler and other liquid gauges. Overall length — 12 1/2".

Packed 1 in a box. Shipping weight: 3/4 lb.

Extra Wheels for No. 218.
Packed singly.

NO. 466 GLASS CUTTER MERCHANDISER

Displays four No. 66 Glass Carbide-Wheel Cutters . . . each handsomely packaged in a red vinyl, vest-pocket carrying case. Display fixture is free with order for four No. 66 Glass Cutters.

Packed 1 display with 4 cutters in a box.
Shipping weight: 5/8 lb.

EXTRA GLASS CUTTER WHEELS

Type C for Glass Cutters No. 1 and No. 478.
Packed 12 in an envelope. Shipping weight: 1/4 oz.
Type D for Glass Cutters No. 337 and No. 444.
Packed 12 in an envelope. Shipping weight: 1/4 oz.
Carbide Wheels for Glass Cutter No. 66.
Carbide Wheels for Glass Cutter No. 218.
Packed singly.

NO. 100A AUTOMATIC DRILL

This drill has bright red plastic barrel and all exposed metal parts are buffed aluminum or nickeled and buffed. Time tested operating mechanism. A magazine in handle holds eight new style drill points, 1/16″ to 11/64″ in diameter. Selection by size or number is made through hole in cap. Points are 1/16″, 5/64″, 3/32″, 7/64″, 1/8″, 9/64″, 5/32″ and 11/64″ in diameter. Length — 9⅛″.

Packed 1 in a box. Shipping weight: 10 oz.

Extra Drill Points — No. 401 Set of Points (8 sizes).

Packed 1 set in a vial. Shipping weight: 1 oz.

NO. 170 AUTOMATIC DRILL

Equipped with new design, quick action chuck that locks or releases drill points instantly by a slight thumb pressure. Handle is made of red unbreakable Tenite II plastic, serrated to give a good comfortable grip. Four interior compartments for holding up to 12 drill points are securely closed by the polished aluminum end cap. No. 401 Drill Points, 5/64″, 7/64″, 9/64″ and 11/64″ are regular equipment, packed inside the handle.

Packed 1 in a box. Shipping weight: ½ lb.

NO. 185A AUTOMATIC DRILL

A sturdy, automatic drill with smooth action and long lived working mechanism constructed of hollow brass tubes with machined spiral running through a hard bronze center nut. Knurled magazine type handle with individual compartments for eight drill points indexed for size. Quick action chuck opened by slight forward pressure of thumb and closed by releasing it. Entire tool nickel plated, polished and buffed. Furnished with eight new style drill points (No. 401) 1/16″ to 11/64″ in diameter. Length — 10 inches.

Packed 1 in a box. Shipping weight: 5/8 lb.

Extra Drill Points — No. 401 — Set of Points (8 sizes).

Packed 1 set in a vial. Shipping weight: 1 oz.

NO. 401 NEW STYLE DRILL POINTS

For Nos. 185A and 170 and some other makes Automatic Drills

Shanks have a milled base that seats positively in the bottom of the chuck, and a notch for locking in place. Made of fine grade tool steel, carefully hardened and tempered and well sharpened. They drill clean holes in hard and soft woods, soft metals, plaster, bone, wallboard and similar materials. Packed in screw-capped transparent plastic vials.

No. 401 Individual Drill Points — 8 sizes: 1/16″, 5/64″, 3/32″, 7/64″, ⅛″, 9/64″, 5/32″, 11/64″.

Packed 12 in a screw-capped vial.

No. 401 Drill Point Set — 1 each of 8 sizes.

Packed 1 set in a screw-capped vial.

Shipping weight: 1 oz.

NO. 123 POINTS AND BITS MERCHANDISER

Attractive steel cabinet organizes and displays complete assortment of Millers Falls drill points, screwdriver bits and countersinks (all fit tools of standard design other than Millers Falls). 12½″ x 6″ x 5½″ cabinet ($5.00 value) free with tool assortment. Stands on counter or hangs on wall. Plastic drawers divided into compartments to hold merchandise. Labels identify items contained in each drawer. Full length sign measures 4½″ high. Contains:

12	401	# 1 Points (1/16)	6	402	# 2 Points (5/64)
12	401	# 2 Points (5/64)	6	402	# 3 Points (3/32)
12	401	# 3 Points (3/32)	6	402	# 4 Points (7/64)
12	401	# 4 Points (7/64)	6	402	# 5 Points (⅛)
12	401	# 5 Points (⅛)	6	402	# 6 Points (9/64)
12	401	# 6 Points (9/64)	6	402	# 7 Points (5/32)
6	401	# 7 Points (5/32)	6	402	# 8 Points (11/64)
6	401	# 8 Points (11/64)	2	401	Set (1 of each size)
6	402	# 1 Points (1/16)	1	402	Set (1 of each size)

3 1201 Screwdriver Bit (7/32)
3 1202 Screwdriver Bit (¼)
3 1203 Screwdriver Bit (9/32)
3 1166 Screwdriver Bit (¼)
3 1167 Screwdriver Bit (9/32)
3 1168 Screwdriver Bit (5/16)
3 1514 Screwdriver Bit (5/32)
3 1515 Screwdriver Bit (3/16)
3 1516 Screwdriver Bit (7/32)
3 P11 Screwdriver Bit (Phillips # 1)
3 P12 Screwdriver Bit (Phillips # 2)
2 P13 Screwdriver Bit (Phillips # 3)
2 P22 Screwdriver Bit (Phillips # 2)
2 P23 Screwdriver Bit (Phillips # 3)
2 P17 Screwdriver Bit (Phillips # 1)
2 P27 Screwdriver Bit (Phillips # 2)
3 297 Screwdriver Bit (5/32)
2 298 Countersink (⅜)
3 299 Screwdriver Bit (¼)
1 329 Set of Points

Packed 1 in a box. Shipping weight: 8 lbs.

CARBIDE TIPPED MASONRY DRILLS

Special grade of hard, shock resistant tungsten carbide cutting edges brazed to drill steel shank.

Precision ground for fast, clean cutting in concrete, brick, cinder block, etc.

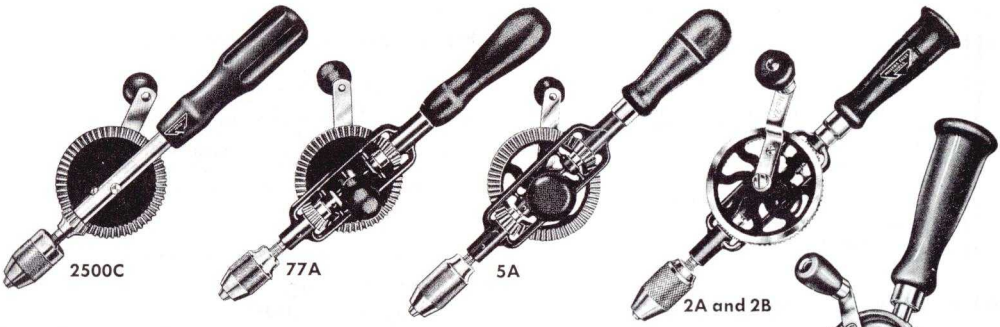
Speed spiral flutes remove dust efficiently, keep holes clean for more effective cutting.

For use in portable electric drills and drill presses.

All drills individually packed in plastic sleeves — packed 3 sleeves in a box.

EXCLUSIVE! New, smaller shanks on ⅝″ and ¾″ sizes fit ⅜″ drills.

No.	*Size*	*Length*	*Shipping Wt.*
2191	3/16″	3″	⅛ lb.
2192	¼″	4″	¼ lb.
2193	5/16″	4″	¼ lb.
2194	⅜″	4″	⅜ lb.
2195	½″	6″	⅝ lb.
2196	⅝″	6″	1 lb.
2197	¾″	6″	1½ lb.



NO. 120B BREAST DRILLS

Low in price — high in value. Steel shank connects black enameled frame and breast plate. Two speeds with ratios 3:1 and 1:1. Steel pinions. No. 120B has three-jawed 0 to ½" capacity chuck. No. 119A has two-jawed chuck that holds ⅛" to ½" round shank drills and bit brace shanks.

No.	*Capacity*	*Length*	*Shipping Wt.*
120B	½"	16½"	5⅜ lbs.

Packed 1 in a box.

NO. 2A and 2B HAND DRILLS

A sturdy iron frame drill with three-jawed chuck with protected springs holding 0 to ⅜" round shanks. Gear ration 4½ to 1. Ball thrust bearing spindle. Two steel pinions, one drive and one idling equalizer. Black enameled frame, large gear red enameled with nickeled rim. Exposed metal parts nickel plated and buffed. Tropical hardwood end handle. No. 2A furnished with eight No. 403 drill points 1/16" to 11/64" in diameter. No. 2B has solid handle.

No.	*Capacity*	*Length*	*Shipping Wt.*
2A (Hollow Handle)	⅜"	14½"	2¾ lbs.
2B (Solid Handle)	⅜"	15"	2⅝ lbs.

Packed 1 in a box.

NO. 1425 HAND DRILL

Has many quality features usually found only in drills priced considerably higher. Equipped with two pinion gears for smooth operation. The frame, chuck and the ferrules for all three handles are brightly nickel plated. Drill points may be stored in the handle which is hollow and has a removable head. Pinions are of steel and the large drive gear is cast gray iron; all have machine-cut teeth. Handles are of clear-grained hardwood with a rich black finish. Chuck is of three-jaw design and holds 0 to ¼" round shank drills.

Packed 1 in a box. Shipping weight: 1 lb., 9 oz.

NO. 2500C HAND DRILL

A popularly priced tool with a lot of dependable service built into it. Solid steel frame. Large gear is cast iron and finished in red enamel; the pinion is steel. Both gears have machine-cut teeth. The three-jawed chuck holds 0 to ¼" round shank drills. Handles are selected hardwood in a rich black finish.

Packed 1 in a box. Shipping weight: 1⅜ lbs.

NO. 1420 HAND DRILL

Has solid steel frame. Large gray iron gear and steel pinion have accurate machine-cut teeth. Nickel plated ferrules on handle and knob, which have rich black finish. The three-jawed chuck holds 0 to ¼" round shank drills.

Packed 1 in a box. Shipping weight: 1½ lbs.

NO. 77A HAND DRILL

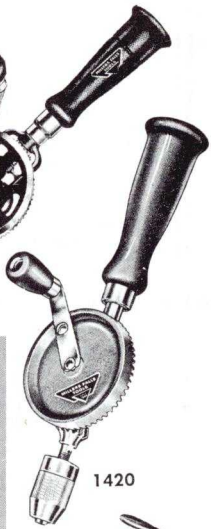
Malleable iron black enameled frame. Three-jawed chuck with protected springs holding round drills 0 to ¼" diameter. Crank and end handle mahogany finished hardwood. Two steel pinions. Large gear red enameled. Metal parts nickeled. Capacity 0 to ¼", length — 12½".

Packed 1 in a box. Shipping weight: 1¾ lbs.

NO. 5A HAND DRILL

Equipped with wide nickel rim on large gear for starting small drills in delicate work. Large gear red enameled. Steel pinions. Black enameled malleable iron frame. Metal parts nickeled. Hollow tropical hardwood end handle with eight No. 403 drill points 1/16" to 11/64" diameter. Capacity 0 to ¼ inch. Length 12⅞ inches.

Packed 1 in a box. Shipping weight: 1⅞ lbs.



NO. 402 FLUTED SHANK DRILL POINTS

Made from tool steel, hardened and oil tempered. Ideal for drilling wood or soft metals. Length — 2 inches.

No. 402 Individual Drill Points — 8 sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64".
Packed 12 in a screw-capped vial.

No. 402 Drill Point Set — 1 each of 8 sizes.
Packed 1 set in a screw-capped vial.
Shipping weight: 1 oz.

NO. 403 ROUND SHANK DRILL POINTS (For Hand Drills)

Round shank drills in eight sizes from 1/16" to 11/64". Made of fine grade tool steel, carefully hardened and tempered and well sharpened. They drill clean holes in hard and soft woods, soft metals, plaster, bone, wallboard and similar materials. Packed in screw-capped transparent plastic vials. Length: 2 inches.

No. 403 Individual Drill Points — 8 sizes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64".
Packed 12 in a screw-capped vial.

No. 403 Drill Point Set — 1 each of 8 sizes.
Packed 1 set in a screw-capped vial.
Shipping weight: 1 oz.

NO. 1216 STAR DRILLS

Forged from octagon manganese alloy steel. Points designed and relieved for fast free cutting in concrete, brick, stone, etc. Blades are long to permit resharpening. Length 12".

Diameter Cut	*Stock*	*Pkg.*	*Shipping Weight*
1/4"	3/16"	12	2 lbs.
5/16"	1/4"	12	2 1/8 lbs.
3/8"	5/16"	12	3 1/8 lbs.
7/16"	3/8"	12	4 5/8 lbs.
1/2"	3/8"	6	2 1/4 lbs.
9/16"	7/16"	6	3 1/8 lbs.
5/8"	1/2"	6	4 lbs.
3/4"	5/8"	6	6 lbs.
7/8"	5/8"	6	6 1/8 lbs.
1"	3/4"	2	3 lbs.
1 1/8"	7/8"	2	3 7/8 lbs.
1 1/4"	7/8"	2	4 3/4 lbs.
1 3/8"	1"	1	2 1/2 lbs.
1 1/2"	1 1/8"	1	3 lbs.

NO. 2140 JIG SAW ATTACHMENT

Will fit any 1/4" drill. Furnished with 4 saw blades. Capacity 1 3/4" in wood, 1/8" in metal.
Capacity 1 3/4" in wood, 1/8" in metal.
Packed 1 in counter display box. Shipping weight: 2 lbs.

EXTRA BLADES (For No. 2140 Jig Saw Attachment)

A — 7-tooth Wood Cutting
B — 10-tooth Wood Cutting
C — 14-tooth High Speed Steel Metal Cutting
D — 32-tooth High Speed Steel Metal Cutting
E — Knife Blade
F — 18-tooth hollow ground Metal Cutting
G — 24-tooth hollow ground Metal Cutting
Packed 3 blades in an envelope: 30 blades per box.
Shipping weight: 7 oz.

No. 2141 Set of 4 blades (1 each A, B, C & D in plastic pocket).
Packed 10 sets in a box. Shipping weight: 1/2 lb.

NO. 2120 BUFFING AND SANDING EQUIPMENT

An efficient power buffer-sander attachment. Will fit any 1/4" electric drill. Two-speeds — 1 to 2 and 2 to 1 drill speed. Angle drive of 100° allows clearance for drill and cord on flat work. Grease sealed lubrication, machine-cut steel gears. Complete with 5" rubber pad, two 5" sanding discs and 5" lambs wool bonnet.

Packed 1 in a counter display box. Shipping weight: 2 lbs.

Extra Supplies:
No. 2121 5" Lamb's Wool Bonnet.
Packed 4 in a box. Shipping weight: 5/8 lb.
No. 2122 5" Sanding Discs #1 or #00 Grits.
Packed 24 in a box. Shipping weight: 3/4 lb.

NO. 2125 CHUCK

For use with No. 2120 Attachment, 1/4-inch capacity. Permits drilling in corners and other places difficult to reach with drill alone.

Packed 1 in a box. Shipping weight: 1/4 lb.

NO. 2130 RIGHT ANGLE DRIVE

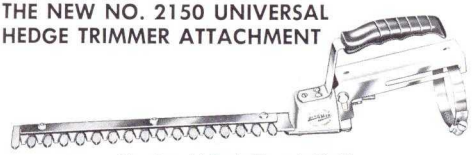
This handy attachment for 1/4" and 3/8" electric drills permits operation in close quarters where the drill cannot be used direct . . . in corners, between studs and other awkward spots. No adapter is required. Attachment is screwed directly onto the spindle of the drill, and the drill's chuck is screwed onto the attachment.

Gear ratio is 1 to 1. Gears are solid steel. Bearings are self-lubricating bronze. The side handle is reversible for use by right- or left-handed operators.

No. 2130 fits all 1/4" and 3/8" drills with "geared key" or "hex key" chucks which have spindles 3/8" in diameter and with 24 thread.

Packed 1 in a counter display box. Shipping weight: 1 1/8 lbs.

THE NEW NO. 2150 UNIVERSAL HEDGE TRIMMER ATTACHMENT



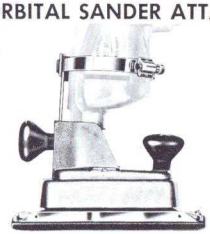
Fits Any ¼ Inch Electric Drill

A lightweight sturdy Hedge Trimmer Attachment of quality design at a competitive price. Features include: die cast aluminum housing, twelve-inch, 16 tooth cutting blade, universal joint drive for easy alignment, 10° offset angle for drill clearance and full ⅜" cutting capacity. Bronze oil impregnated bearings throughout with 2 to 1 reduction and steel bevel gear drive. Gray enamel finish with rust-resistant plated bracket and strap and sure-grip Bakelite plastic handle. Overall length — 21½ inches.

No.	*Net Weight*	*Shipping Weight*
2150	2¾ lbs.	3¾ lbs.

Packed 1 in counter display box.

NO. 2160 ORBITAL SANDER ATTACHMENT



This easy to install attachment, converts any ¼" electric drill into an efficient orbital, fine-finish sander.

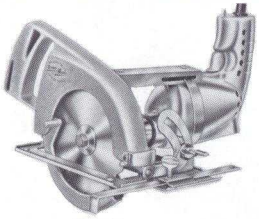
Sanding shoe measures 3⅝" x 7¼" so that exactly 1/3 of standard abrasive sheets can be used. Quick-change, spring-clip paper holders permits changing sandpaper with the flip of a finger. Pad is impervious to water, making it possible to do both wet and dry sanding.

Housing is finished in handsome hammertone gray enamel — bracket, strap and sanding shoe are plated to resist rust. Furnished complete with 2 pieces of No. 3/0 (120) waterproof closecoat paper and 2 pieces of same, open-coat.

No.	*Net Weight*	*Shipping Weight*
2160	2¼ lbs.	2¾ lbs.

Packed 1 in a counter display box.

NO. 2170 UNIVERSAL CIRCULAR SAW ATTACHMENT FOR ¼" ELECTRIC DRILLS



Fits any ¼" electric drill. Depth of cut and angle from 90° to 45° can be set accurately and easily. Has spring-loaded retractable guard for safety. Steel shoe, bracket and strap plated for rust resistance. Furnished with adjustable rip guide.

No.	*Net Weight*	*Shipping Weight*
2170	3⅛ lbs.	3¾ lbs.

Packed 1 in a counter display box.

NO. 2155 5" RUBBER BACKING PAD AND ADAPTER

Fits any ¼" drill
For 5" polishing bonnets and sanding discs.

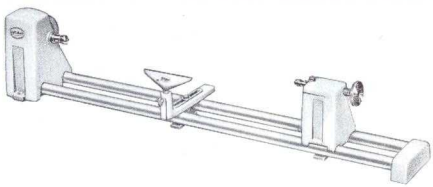
Packed 4 per box.
Shipping weight: 2 lbs.

NO. 927 6" FACE PLATE (For No. 2180 Lathe)

Has 6" diameter for large face plate work up to maximum capacity of lathe. May also be used in conjunction with a lathe dog for turning metal between centers. Back threaded to fit ¾" x 16-thread arbor.

Packed 1 in a carton. Shipping weight: 2 lbs.

NO. 2180 UNIVERSAL WOODWORKING LATHE



8" Swing — 30" Between Centers — 4-Step Pulley

The No. 2180 has many quality features. Ruggedly built to handle any kind of home workshop job. Turns work up to 8" in diameter and 30" long. Complete with 4-step pulley. Designed for use with Millers Falls famous No. 888 Power Unit, it can also be run with any suitable drill or induction motor with at least ¼ H.P.

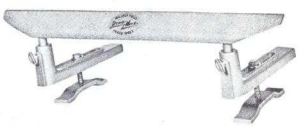
Packed in 2 cartons. Shipping weight: 25 lbs.

NO. 2181 MOTOR MOUNT (For No. 2180 Lathe)

Versatile unit makes possible the mounting of No. 888 Power Unit or a variety of different type motors on No. 2180 Lathe and at the same time permits quick change of belt speeds. Pulley and V-belt included.

Packed 1 in a carton. Shipping weight: 4⅞ lbs.

NO. 2182 18" TOOL REST (For No. 2180 Lathe)



Greatly facilitates turning of long pieces between centers. Keeps long turnings straight and eliminates necessity for repeatedly moving short tool rest. Complete with two tool support bases.

Packed 1 in a carton. Shipping weight 4¼ lbs.

1016

1416

591

1444

1417

592

1445

92

713

691

692

695

1908

1724

NO. 1724 BRICK HAMMER

Forged steel head permanently bonded to tubular steel shaft. Head is deep hardened for maximum strength — finished in black with polished face and top. Steel shaft absorbs vibrations. Rubber cushion grip perforated for cool, safe handling. Perfect balance concentrates weight in striking out end.

Packed 4 in a box. Shipping weight: 9 lbs.

HICKORY-HANDLED HAMMERS

Deluxe — Polished Head

A premium-quality hammer with strong hickory handle shaped for firm grip and comfort (octagon on curved claw models) . . . all clear lacquered and securely wedged. Full-polished alloy steel head is precision hardened and tempered to minimize chipping. All models have proper balance plus "perfect-drive" crown and pitch. Claws bite even the smallest nails.

No.	*Style*	*Shipping Weight*
713	Curved Claw — 13 oz.	4⅞ lbs.
716	Curved Claw — 16 oz.	5¾ lbs.
720	Curved Claw — 20 oz.	6⅞ lbs.
1016	Ripping Claw — 16 oz.	6⅛ lbs.
1020	Ripping Claw — 22 oz.	7½ lbs.

Packed 4 in a carton.

HICKORY-HANDLED HAMMERS

Standard — Semi-Polished Head

Straight-grained hickory handle with natural grip and balance. Drop forged, specially heat treated steel head is securely anchored to handle. Grip of claw will withdraw headless nails, and the polished face, poll and curve of the head will not mar finished work.

No.	*Style*	*Shipping Weight*
1416	Ripping Claw — 16 oz.	6 lbs.
1417	Curved Claw — 16 oz.	6 lbs.
1418	Curved Claw — 7 oz.	2⅞ lbs.

Packed 6 in a box.

ALL-STEEL HAMMERS

Polished Head

Forged one-piece head and handle. Non-slip formed rubber grip and true-swinging balance for safe, sure nailing. Virtually indestructible in normal use.

No.	*Style*	*Shipping Weight*
591R	Ripping Claw — 16 oz.	6½ lbs.
592C	Curved Claw — 16 oz.	6¾ lbs.
593R	Ripping Claw — 20 oz.	7¼ lbs.
594C	Curved Claw — 20 oz.	7¼ lbs.

Packed 4 in a box.

BRASS HAMMERS

Heads are brass with polished steel shanks. Mahogany lacquered hardwood handles.

No.	*Head*	*Weight*	*Length*	*Shipping Weight*
92	9/16" x 1¾"	5 oz.	7¼"	⅜ lb.
93	¾" x 2¼"	7 oz.	8"	½ lb.

Packed 1 in a box.

TUBULAR STEEL HAMMERS

Polished Head

Tubular steel shaft absorbs vibration and perforated rubber grip cushions shock. High tensile alloy tubular steel shaft permanently bonded to hardened forged steel head.

No.	*Style*	*Shipping Weight*
691R	Ripping Claw — 16 oz.	6½ lbs.
692C	Curved Claw — 16 oz.	6½ lbs.
693R	Ripping Claw — 20 oz.	7⅜ lbs.
694C	Curved Claw — 20 oz.	7⅜ lbs.

Packed 4 in a box.

Semi-Polished Head

Forged steel head is deep-hardened for maximum strength. Head and alloy tubular steel shaft permanently joined. Black molded rubber cushion grip perforated for cool, safe handling.

No.	*Style*	*Shipping Weight*
1444R	Ripping Claw — 16 oz.	6¾ lbs.
1445C	Curved Claw — 16 oz.	6½ lbs.

Packed 4 in a box.

695RL FLOORING HAMMER

This 20 ounce flooring hammer is designed for rugged use. The heavy semi-polished head is forged with a ripping claw. The extra long tubular handle is equipped with a black rubber cushioned grip, perforated for cool and safe handling.

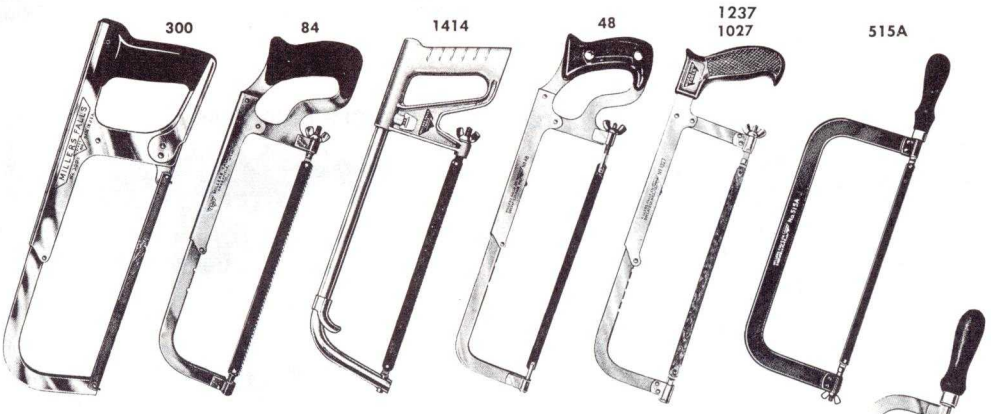
Packed 4 per box. Shipping weight: 7⅞ lbs.

BALL PEIN HAMMERS

Has "sure-grip" oval handle of top-quality hickory, precision hardened and tempered forged steel head, mirror polished face and pein, chamfered and beveled face, perfect balance and proper toe-in. Handle securely fastened to head with both metal and wood wedges.

No.	*Style*	*Shipping Weight*
1908	Ball Pein — 8 oz.	3 lbs.
1912	Ball Pein — 12 oz.	3⅞ lbs.
1916	Ball Pein — 16 oz.	5⅜ lbs.
1920	Ball Pein — 20 oz.	6⅝ lbs.
1924	Ball Pein — 24 oz.	7½ lbs.
1932	Ball Pein — 32 oz.	9¾ lbs.

Packed 4 in a carton.



NO. 84 HACKSAW FRAME

Quality heavy steel frame 3/16″ thick by 13/16″ wide. Unbreakable and non-inflammable red transparent molded "Tenite" handle. Frame is adjustable and is polished, nickeled and buffed. Furnished with 10″ "Blu-Mol" High Speed blade. Depth of throat — 3¼″, capacity 8″ to 12″.

Packed 1 in a box. Shipping weight: 2½ lbs.

NO. 1919 HACKSAW FRAME

Nickel plated steel frame. Quickly adjusts to 8″, 10″ or 12″ blades. Depth of cut: 3⅛″. Durable pistol grip handle.

Packed 12 in a box. Shipping weight: 11 lbs.
6 boxes (72 frames) in a master carton.
Shipping weight: 70 lbs.

NO. 99 HACKSAW FRAME

Handle is black composition, reinforced its full length. Well-constructed steel frame permits ample tension on the blade. Frame is nickel plated and comes with one 10″ blade. Depth of cut, 2¾″. Quickly adjustable for 8″ to 12″ blades.

Packed 4 in a box. Shipping weight: 4⅞ lbs.

NO. 48 HACKSAW FRAME

Has unbreakable black "Tenite" pistol grip handle. Adjustable for 8″ to 12″ blades. Nickeled and buffed steel frame 3/16″ x 11/16″. Furnished with 10″ blade. Depth of throat — 3¼″, capacity 8″ to 12″.

Packed 1 in a box. Shipping weight: 2 lbs.

NO. 1414 HACKSAW FRAME (Tubular)

Frame is heavy gauge ⅝″ tubular steel, highly polished and plated. Overall length is 17″. Die-cast handle is finished in gray enamel, with comfortable grip and guard to protect knuckles. Frame has handy thumb hook adjustable to most comfortable position. Frame is adjustable for 10″ to 12″ blades. Depth of cut is 4″. 10″ blades furnished.

Packed 1 in a box. Shipping weight: 1¾ lbs.

NO. 1027 HACKSAW FRAME

A popular, fine quality frame. Molded rubber pistol grip handle — reinforced by heavy back extending down its entire length. Blades may face in four directions. Polished nickel plated. Furnished with 10″ blade. Depth throat — 3¼″, capacity — 8″ to 12″.

Packed 2 in a box. Shipping weight: 3⅜ lbs.

NO. 1237 HACKSAW FRAME

Frame has reinforced back and is fitted with tempered rubber pistol grip handle. Buffed nickle finish. Blades can be faced in four directions. Furnished with 10″ blade. Depth throat — 3¼″, capacity — 8″ to 12″, stock — 3/16″ x 11/16″.

Packed 2 in a box. Shipping weight: 3¼ lbs.

NO. 300 HACKSAW FRAME

A popular frame with lever tensioning device. Pull down lever under handle to relieve tension. Steel frame 3/16″ x ¾″. Unbreakable red "Tenite" molded handle. Blades may face in four directions. Furnished with 10″ "Tuf-Flex" blade. Metal parts nickeled and polished. Depth of throat — 3⅞″, capacity 10″ to 12″.

Packed 1 in a box. Shipping weight: 2⅜ lbs.

NO. 125 and 126 HACKSAW FRAMES

Solid non-adjustable hacksaw frame. Turn handle for blade tension. Blade may be faced in four directions. Nickel plated. Mahogany finish handle. Furnished with blade for each frame.

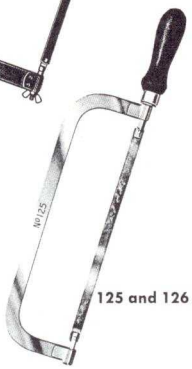
No.	*Capacity*	*Throat Depth*	*Shipping Weight*
125	10″	3⅛″	1⅞ lbs.
126	12″	3⅛″	2⅜ lbs.

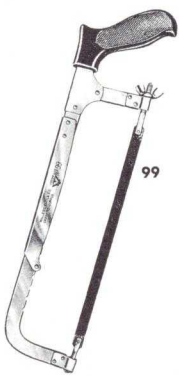
Packed 2 in a box.

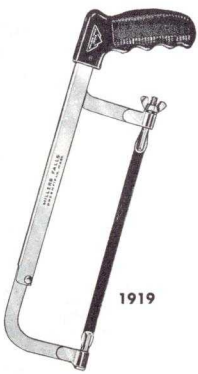
NO. 515A HACKSAW FRAME

Heavy duty solid steel frame. Blade tension is secured by turning wing nut. Blade faceable in four directions. Black enamel finish. Mahogany finished hardwood handle. Furnished with 12″ blade. Stock ¼″ x 1″, depth of throat — 5¼″, capacity — 12″.

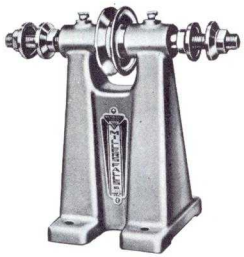
Packed 1 in a box. Shipping weight: 2⅝ lbs.







NO. 120A GRINDING HEAD



Rigid battleship gray enamel frame with highly buffed pulley and polished nickeled and buffed flanges. V-belt pulley can be driven from behind, above or below. Steel spindle — ½" diameter, running in oil impregnated bearings 1¼" long, threaded at both ends. Has two sets of flanges for ¾" face wheels up to 4" in diameter. Height to center of spindle, 6".

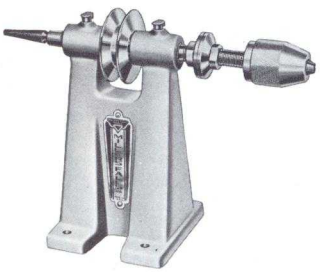
Packed 1 in a carton. Shipping weight: 5 lbs.

NO. 150A GRINDING HEAD

Same as 120A except 150A uses wheels up to 6" in diameter with 1" face. Height to center of spindle — 7½". ¾" spindle.

Packed 1 in a carton. Shipping weight: 11¼ lbs.

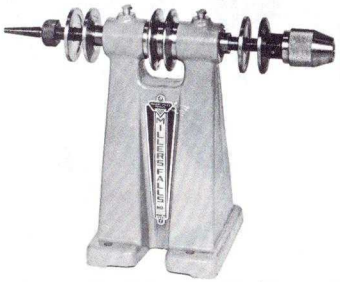
NO. 125A GRINDING HEAD



Same frame as No. 120A but on one end it has taper thread for use of buffing wheels and a great variety of other wheels built with wood centers. On the other end, it has a set of flanges for ¾" face wheels up to 4" in diameter and an 0 to ⅜" capacity 3-jawed chuck. Pulley buffed, flanges and chuck nickel plated and buffed.

Packed 1 in a carton. Shipping weight: 5⅜ lbs.

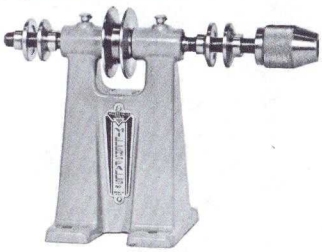
NO. 155A GRINDING HEAD



Same as 125A except that flanges are 2" in diameter and hold wheels 6" or larger in diameter with 1" face. Height to center of spindle — 7½". ¾" spindle.

Packed 1 in a carton. Shipping weight: 11¾ lbs.

NO. 130A GRINDING HEAD



Same as No. 120A but has longer spindle on right side. This has a 0 to ⅜" capacity three-jawed chuck. Both spindles are ½" in diameter and threaded 20 to the inch. 1¼" oil impregnated bearings. Flanges and chuck nickeled and buffed. V-belt pulley can be driven from behind, above or below. Height to center of spindle — 6 inches.

Packed 1 in a carton. Shipping weight: 5⅝ lbs.

NO. 11 BIT EXTENSION

Solid socket type. Heavy seamless chuck shell. Follows an 11/16" diameter bit. Nickel plated and polished.

No.	*Length*	*Shipping Weight*
11	18"	1⅛ lbs.
11	21"	1¼ lbs.
11	24"	1⅜ lbs.

Packed 1 in a box.

NO. 35 BIT EXTENSION

Designed to follow an 11/16" bit or larger. One piece socket and shank construction. Chuck shell of extra heavy steel tubing. Drop forged steel jaws. Chuck operated by turning knurled collar. Hexagon portion for tightening with wrench. Nickel plated and polished.

No.	*Length*	*Shipping Weight*
35	18"	13 oz.
35	21"	15 oz.
35	24"	17 oz.

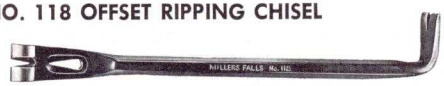
Packed 1 in a box.

NO. 212 NAIL PULLER

Cat's Paw® design, 10½" long, ⅝" hexagon stock. Black finish.

Packed 12 per carton. Shipping weight: 14 lbs.

NO. 118 OFFSET RIPPING CHISEL



18" long, ¾" hex shaft, 90° offset claw . . . permits pounding, 30° chisel blade for powerful prying effect. Triple nail slots; Drop-Forged alloy steel; Black enamel finish.

Packed 6 in a carton. Shipping weight: 14⅞ lbs.

NO. 418 RIPPING CHISEL

18" long, ¾" hex shaft. Drop-forged alloy steel; Heat-treated shank end; Full-polished chisel blade; Dual nail slots; Black enamel finish.

Packed 6 in a carton. Shipping weight: 13 lbs.

NO. 224 WRECKING BAR

24" long, ¾" hex shaft. Drop-forged, heat-treated alloy steel. Long, full-polished chisel point on pry end; Half polished, deep-bevel nail claw; Black enamel finish.

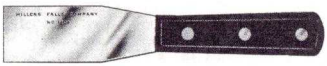
Packed 6 in a carton. Shipping weight: 21¾ lbs.

NO. 2 AUGER HANDLE

Holds auger bits and all but the largest sizes of ship auger shanks. Two wing nuts control clamp. Length, 17".

Packed 2 in a box. Shipping weight: 3 lbs.

NO. 1404 PUTTY KNIFE



Tempered spring steel blade is tapered for maximum flexibility and polished for smooth flow of putty. Handle is of natural finish tropical wood secured to the blade by two polished brass rivets. Blade, 1¼" wide.

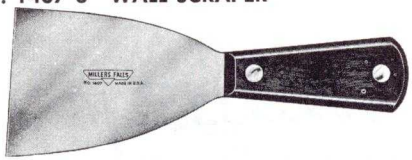
Packed 12 in a box. Shipping weight: 1⅝ lbs.

NO. 24 RAIL SAW

Deep throated, heavy frame for large work. Black enameled frame made of ¼" x 1" steel. Selected beech handle. Wing nut for blade tension. Furnished with 12" blade faceable in four directions. Depth of throat — 10¼", capacity — 12".

Packed 1 in a box. Shipping weight: 4 lbs.

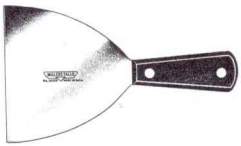
NO. 1407 3" WALL SCRAPER



Mirror-finish blade is full tang and securely anchored to handle with 2 polished brass compression rivets. Made of finest spring tempered steel and tapered for maximum flexibility. Natural finish handle has extra wide neck. Blade, 3" wide.

Packed 6 in a box. Shipping weight: 1⅝ lbs.

NO. 1409 SPACKLING KNIFE



Full-tang, mirror-finish blade is broad, flexible and square-end and is securely anchored to fine-finish walnut handle with polished brass compression rivets. Blade, 5" wide.

Packed 6 in a box. Shipping weight: 1¾ lbs.

NO. 333 UTILITY KNIFE

Two-part die-cast handle is held together with a strong screw, giving easy access to the four extra blades inside. Hole in end of handle makes it easy to hang knife. Polished finish.

Packed 6 in display carton. Shipping weight: 1¼ lbs.

Extra Blades for Utility Knife

No. 3318 (0.018" thick)
No. 3325 (0.025" thick)

Packed 5 blades in a package. 20 packages in a box. Shipping weight: 14 oz.

NO. 3318C STANDARD DUTY UTILITY KNIFE BLADE MERCHANDISER

Individual packages each containing five blades quickly slip off "hang-up" card with attractive "bulls-eye" design. Each card displays 10 packages of No. 3318 Standard Duty Blades (0.018" thick).

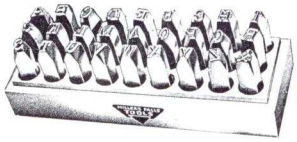
Packed 2 cards of 50 blades each in a box. Shipping weight: 1 lb.

NO. 3325C HEAVY DUTY UTILITY KNIFE BLADE MERCHANDISER

Same as No. 3318C above but displaying 10 packages of No. 3325 Heavy Duty Blades (0.025" thick).

Packed 2 cards of 50 blades each in a box. Shipping weight: 1¼ lbs.

HAND CUT STEEL LETTERS and FIGURES



Gothic Face

The finest quality of stamp procurable. Every character guaranteed hand cut from the finest grade of tool steel. Faces and heads hardened and tempered with the utmost care. Specially recommended for use on all hard surfaces.

Height Character	*Size Stock*	*Shipping Weights No. 1300 Sets of Letters*	*No. 1350 Sets of Figures*	*Single Characters*
1/16″	¼″ x 2⅝″	1½ lbs.	⅝ lb.	¾ oz.
3/32″	5/16″ x 2¾″	2⅝ lbs.	⅞ lb.	1 oz.
⅛″	5/16″ x 2¾″	2½ lbs.	⅞ lb.	1 oz.
3/16″	⅜″ x 3″	3⅝ lbs.	1⅛ lbs.	2 oz.
¼″	7/16″ x 3″	4¾ lbs.	1⅝ lbs.	2½ oz.
⅜″	9/16″ x 3⅛″	8⅛ lbs.	2⅝ lbs.	4 oz.
½″	⅝″ x 3-7/16″	11¼ lbs.	3⅞ lbs.	5½ oz.

Sets of letters 5/16″ through ¼″ include "&" and period, — from ⅜″ through ½″, "&" but no period.
Sets of figures consist of 9 characters: 0 to 8, the 6 being used also for 9.

All sets packed 1 in a lacquered wooden box.
Single characters individually wrapped.

MACHINE-MADE STEEL LETTERS and FIGURES

Gothic Face

The characters in these sets are formed on blanks of a good quality of tool steel by a specially developed machine process using superior master dies producing sharper, cleaner faces than usual. Ample relief is provided to produce clear, long-lived impressions. Carefully hardened and tempered faces. A fine, durable stamp for general all 'round use.

Height Character	*Size Stock*	*Shipping Weights No. 1500 Sets of Letters*	*No. 1550 Sets of Figures*	*Single Characters*
1/16″	¼″ x 2⅜″	1⅜ lbs.	½ lb.	½ oz.
3/32″	¼″ x 2⅜″	1⅜ lbs.	½ lb.	½ oz.
⅛″	¼″ x 2⅜″	1⅜ lbs.	½ lb.	¾ oz.
3/16″	5/16″ x 2½″	2½ lbs.	⅞ lb.	1 oz.
¼″	⅜″ x 2½″	3⅜ lbs.	1⅛ lbs.	1½ oz.
⅜″	½″ x 2⅞″	6½ lbs.	2⅛ lbs.	3¼ oz.
½″	⅝″ x 3⅜″	11⅜ lbs.	3⅞ lbs.	5 oz.

Sets of letters 1/16″ through ¼″ include "&" and period, — from ⅜″ through ½″, "&" but no period.
Sets of figures consist of 9 characters: 0 to 8, the 6 being used also for 9.

All sets packed 1 in a stained wooden box.
Single characters individually wrapped.

NO. 590 TORPEDO LEVEL

"Bakelite" body. One level, one 45° plumb, and one 90° plumb vial — all of cat's-eye design for better visibility. Top plate polished. Dimensions, 9″ x 1¼″ x ¾″.

Packed 1 in a box. Shipping weight: ¼ lb.

NO. 290 MAGNESIUM TORPEDO LEVEL

Tapered design frame is one-piece die cast magnesium with polished top. Three proved cat's-eye vials — one plumb, one level and one 45° mitre. V-grooved bottom for fast, easy leveling on pipe, shafts, rods, wire, etc. Will not warp or rust. Weighs only 4 oz. Length, 9″.

Packed 1 in a box. Shipping weight: ¼ lb.

NO. 190 MAGNETIC TORPEDO LEVEL

Similar in design to No. 290 but with a permanent ceramic magnet built into the bottom.

NO. 1490 TORPEDO LEVEL

Same as No. 490 above except that it has level vial only — no plumb. Length 9″.

Packed 12 in a box. Shipping weight: 2¼ lbs.

NO. 618A-630A ALUMINUM LEVELS

Die-cast aluminum frames for light weight with maximum strength. Surfaces accurately milled. Excellent visibility is provided by large, white vial wells. Vials are protected by glass on both sides.

No.	*Dimensions*	*Shipping Weight*
618A	18″ x 2¼″ x 1″	1⅞ lbs.
624A	24″ x 2¼″ x 1″	2⅜ lbs.
628A	28″ x 2¼″ x 1″	2⅝ lbs.
630A	30″ x 2¼″ x 1″	2¾ lbs.

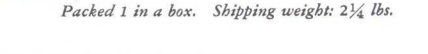
Packed 1 in a box.

NO. 1424 ALUMINUM LEVEL

Permanent mold aluminum casting 24″ x 2⅜″ x 1″ with two level and two plumb cat's-eye vials protected by heavy window glass. Precision parallel ground on faces and edges; ends machined square.

Packed 1 in a box. Shipping weight: 2¼ lbs.

NO. 948 MASONS' LEVEL



Two level and four plumb vials set in oval white, glass-protected openings. Full brass binding on all four edges and brass plates on ends. Made from seasoned mahogany with natural wood finish. Dimensions 48″ x 2½″ x 1¼″.

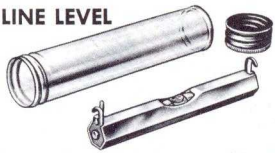
Packed 1 in a box. Shipping weight: 3¼ lbs.

NO. 648 48″ ALUMINUM MASONS' LEVEL

Strong, rigid cast aluminum level will not warp or rust. Six proved cat's-eye vials — two double plumbs and one double level. Vials are locked in holders specially designed to insure accuracy and protected by heavy glass. Top, bottom and ends are true and parallel. Dimensions 48″ x 2-5/16″ x 1″.

Packed 1 in a box. Shipping weight: 4⅛ lbs.

NO. 629 LINE LEVEL



Featherweight model with a cat's-eye vial set in a 3-inch hexagonal aluminum tube. Hooks and guards are so designed that it snaps on to a level line very easily but cannot be jumped off. Each level packed in a permanent container of celluloid with screw cap.

Packed 6 in a box. Shipping weight: ¼ lb.

NO. 233 OFFSET NAIL SET

Two-sizes-in-one — 2/32″ and 3/32″. 5¼″ long. Nickel-plated body. Hardened and tempered points.

Carded and packed 10 in a box.
Shipping weight: 2 lbs.

NO. 310 NAIL SETS

Fine grade steel nail sets with knurled body and carefully machined points. Points and heads hardened and tempered. Furnished with blued finish.

No.	Diameter Point	Body	Length
310–1/32″	1/32″	5/16″	4″
310–2/32″	2/32″	5/16″	4″
310–3/32″	3/32″	5/16″	4″
310–4/32″	4/32″	5/16″	4″
310–5/32″	5/32″	5/16″	4″

Packed 12 in a box. Shipping weight: ⅞ lb.

310 Assortment — 2 1/32 — 4 2/32 — 4 3/32 — 2 4/32
Packed 1 assortment in a box. Shipping weight: ⅞ lb.

NO. 312 SET OF NAIL SETS

Set consists of twelve assorted sizes, 2 1/32″, 4 2/32″, 4 3/32″, 2 4/32″ No. 310 Nail Sets put up in a round box of hardwood with cover finished in clear lacquer.

Packed 1 set in a box.
Shipping weight: 1 lb.

NO. 800 NAIL SETS

Point and body made of molybdenum alloy steel, heat treated for toughness. Carefully cupped points. New deep knurling. Square no-roll head. Polished points and heads.

No.	Diameter Point	Body	Length
801–1/32″	1/32″	5/16″	4″
802–2/32″	2/32″	5/16″	4″
803–3/32″	3/32″	5/16″	4″
804–4/32″	4/32″	5/16″	4″
805–5/32″	5/32″	5/16″	4″

Packed 12 in a box. Shipping weight: 1 lb.

815 Assortment — 2 1/32 — 4 2/32 — 4 3/32 — 2 4/32
Packed 1 assortment in a box. Shipping weight: 1 lb.

NO. 825 NAIL SET MERCHANDISER

Display unit stands 9″ high. Base 3½″ x 6″. Display free with order for three No. 815 Assortments of Nail Sets. Complete assortment consists of six No. 801, twelve No. 802, twelve No. 803, and six No. 804 Nail Sets.

Packed 1 display in carton with 3 doz. nail sets.
Shipping weight: 4⅛ lbs.

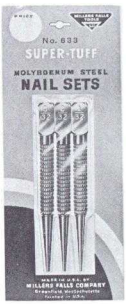
NO. 600 NAIL SETS

Of fine quality molybdenum steel, hardened and tempered from head to point to stand up under hard usage. Carefully cupped points are formed to give a good bite. Deep knurling on the body provides a sure grip. Square heads (⅜″) offer a large striking surface and prevent rolling.

No.	Diameter Point	Body	Length
601–1/32″	1/32″	5/16″	4″
602–2/32″	2/32″	5/16″	4″
603–3/32″	3/32″	5/16″	4″
604–4/32″	4/32″	5/16″	4″
605–5/32″	5/32″	5/16″	4″

Packed 12 in a box. Shipping weight: 1⅛ lbs.

NO. 633 and 833 NAIL SET PAKS

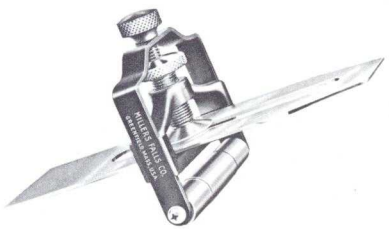


Colorful "bull's-eye" cards each contain three nail sets (1/32″ — 2/32″ — 3/32″) in easy-view blister pak. Point and body of nail set made of molybdenum alloy steel and heat treated for extra toughness. Each set has carefully cupped point, deep knurling and square, no-roll head. Size stamped on head in large, clear figures.

No.	Finish	Shipping Weight
633	Blued throughout	1½ lbs.
833	Polished and head point	1½ lbs.

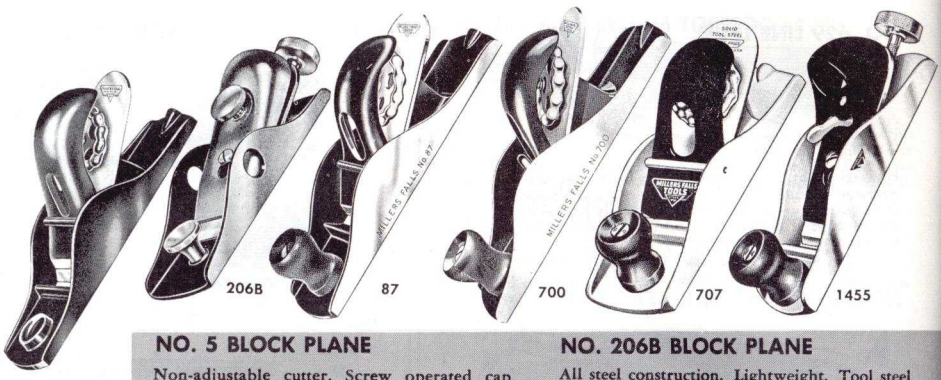
Packed 5 in a box.

NO. 240 PLANE IRON SHARPENER

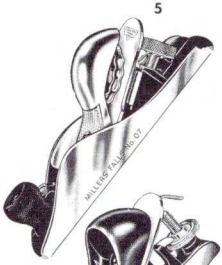


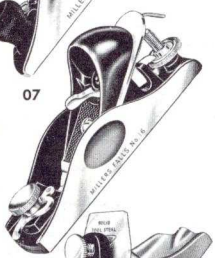
A simple positive device for honing plane irons and chisels at any desired angle. More accurate than free hand honing and lengthens life of blade. Capacity, 2⅝″.

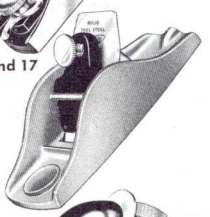
Packed 1 in a box. Shipping weight: ⅝ lb.



5


07


16 and 17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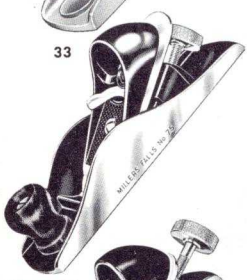
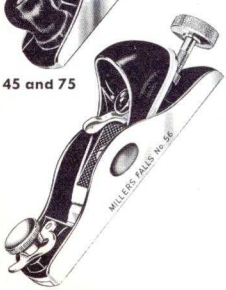

45 and 75


56 and 57

NO. 5 BLOCK PLANE

Non-adjustable cutter. Screw operated cap clamp. Sides and cap black enameled. Polished bottom. Length, 5½". Cutter, 1⅜" wide.

Packed 1 in a box. Shipping weight: ¾ lb.

NO. 07 BLOCK and RABBET PLANE

Combination block and rabbet plane. Converts from block to rabbet by removing right side. Equipped with skew iron and has screw depth adjustment of cutter. Length, 7". Cutter, 1⅝".

Packed 1 in a box. Shipping weight: 1⅝ lbs.

NO. 16 and 17 BLOCK PLANES

Adjustable throat. Depth and side adjustments of cutters. Cast caps with lever cam lock.

No.	*Length*	*Cutter*	*Shipping Weight*
16	6"	1⅝"	1½ lbs.
17	7"	1⅝"	1⅝ lbs.

Packed 1 in a box.

NO. 33 BLOCK PLANE

Especially useful in pattern making, model building or where the work is in close quarters. Bottom is polished; sides and clamp red and gray enameled. Screw operating cap clamp is nickel plated. Solid tool steel cutter iron. Length, 3½".

Packed 1 in a box. Shipping weight: ⅜ lb.

NO. 45 and 75 BLOCK PLANES

Polished sides. Black enameled cast cap with lever cam lock. Screw depth adjustment of cutter. Tropical hardwood knob handle.

No.	*Length*	*Cutter*	*Shipping Weight*
45	5½"	1⅜"	1 lb.
75	7"	1⅝"	1⅜ lbs.

Packed 1 in a box.

NO. 56 and 57 BLOCK PLANES

Low angle with adjustable throat. Screw depth adjustment of cutter. Solid one piece cutter set at 12 degrees. Nickel trimming.

No.	*Length*	*Cutter*	*Shipping Weight*
56	6"	1⅜"	1¼ lbs.
57	7"	1⅝"	1½ lbs.

Packed 1 in a box.

NO. 206B BLOCK PLANE

All steel construction. Lightweight. Tool steel cutter expertly heat treated and tempered. Drop forged frog at 12° angle. Vertical screw for blade adjustment. Black enameled inside with polished bottom and sides. Length, 6¼". Cutter, 1⅝" wide.

Packed 1 in a box. Shipping weight: 1⅛ lbs.

NO. 87 BLOCK PLANE

Non-adjustable cutter. Polished sides. Black enameled cap. Rosewood knob handle. Screw operated cap clamps. Length, 7"; cutter, 1⅝".

Packed 1 in a box. Shipping weight: 1¼ lbs.

NO. 700 BLOCK PLANE

Gray iron cast bottom. Sides and bottom milled and polished. Inside black enamel. Nickel plated clamp screw. Hardwood knob handle with black lacquer finish. Steel cutter hardened and tempered. Length, 7"; cutter, 1⅝".

Packed 1 in a box. Shipping weight: 1⅜ lbs.

NO. 707 BLOCK PLANE

A standard angle (20°) plane for general all-around work. Well designed cast iron construction with polished bottom, and sides finished in gray enamel. Solid tool steel cutter. Knob operating cap clamp is nickel plated. Length, 7"; width of iron, 1⅝".

Packed 1 in a box. Shipping weight: 1½ lbs.

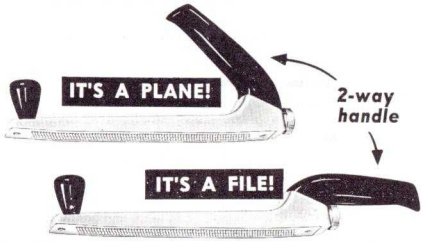
NO. 1455 BLOCK PLANE

Low angle (12°) is particularly good for working hardwoods and end grain. Depth of cut adjusted by nickel plated screw and locking lever. Bottom and sides are polished. Fine tool steel iron is 1⅜" wide. Lever cap is red enamel; inside of bottom is gray. Length, 7".

Packed 1 in a box. Shipping weight: 1¼ lbs.

ORDER BLOCK PLANE IRONS BY PLANE NUMBER. PACKED SIX IN A BOX.

NO. 1220 PLANE-'R-FILE



This efficient new tool does all kinds of planing, filing, shaping and smoothing on woods, plastics, and metals. It's patented, non-clogging blade is double-sided for double-life. Made of specially hardened steel. The Plane-'R-File has a die-cast aluminum body, finished in gray enamel and with red molded plastic knob and reversible handle.

No. 1220 complete with coarse blade.

Length		*Height*		*Width*	*Net*
As Plane	*As File*	*As Plane*	*As File*	*of Blade*	*Weight*
11¼″	15″	5½″	2¼″	1¼″	10 oz.

Individually boxed. Shipping weight: ¾ lb.

Extra Blades

No.	*Grade*	*Teeth per Inch*	*Length*	*Width*	*Net Weight*
1226 Blade	Medium	10½″	10¼″	1¼″	1 oz.
1227 Blade	Coarse	7″	10¼″	1¼″	1 oz.

Each blade cellophane wrapped.
Packed 6 blades in a display box. Shipping weight: 7 oz.

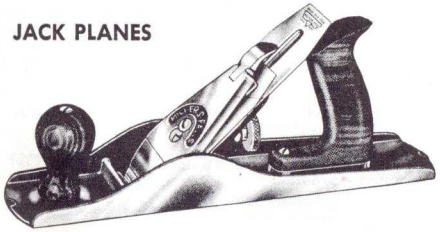
TUNGSTEN CARBIDE BLADES FOR PLANE-'R-FILE

Versatile blades sand and shape smoothly in any direction. Diamond-hard tungsten carbide particles permanently bonded to a strong steel shoe, forming a clog-free and permanently sharp abrasive. Available in three grits.

No.	*Grit*	*Length*	*Width*	*Shipping Weight*
1255	Fine	10¼″	1¼″	1 lb.
1256	Medium	10¼″	1¼″	1 lb.
1257	Coarse	10¼″	1¼″	1 lb.

Each blade cellophane wrapped.
Packed 10 blades in a display box.

JACK PLANES



Gray iron bottoms and frogs. Handles and knobs of tropical hardwood. Three-point bearing lever cap nickel plated. End and side adjustment of cutters.

Smooth Bottoms

No.	*Length*	*Cutter*	*Shipping Weight*
11	11½″	1¾″	4⅛ lbs.
14	14″	2″	5½ lbs.

Corrugated Bottoms

No.	*Length*	*Cutter*	*Shipping Weight*
14C	14″	2″	5½ lbs.

Packed 1 in a box.

NO. 140 JACK PLANE

A medium priced Jack Plane similar to No. 14. Milled and polished bottom. Plated spring tension cap. Cherry stained hardwood handle and cap. 2″ wide solid tool steel cutter. Length, 14″

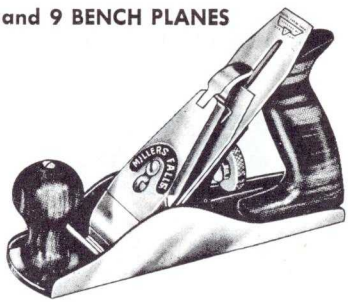
Packed 1 in a box. Shipping weight: 5½ lbs.

NO. 814 JACK PLANE

Economy priced Jack Plane similar to No. 140. Easily adjustable for depth of cut and angle of blade. Solid tool steel 2″ cutter. Bottom and sides are polished. Inside of bottom, lever cap and frog in red and gray enamel. Knob and handle of choice hardwood with rich black finish. Length, 14″.

Packed 1 in a box. Shipping weight: 5⅜ lbs.

NO. 8 and 9 BENCH PLANES



Milled, polished bottoms and sides. High carbon, tool steel cutters, quick, easy depth and side adjustment. Bottoms enameled black inside — red enameled frogs. Tropical hardwood knobs and handles. Entire tool beautifully finished with nickeled and buffed lever cap.

Smooth Bottoms

No.	*Length*	*Cutter*	*Shipping Weight*
8	8″	1¾″	3½ lbs.
9	9″	2″	4¼ lbs.

Corrugated Bottoms

No.	*Length*	*Cutter*	*Shipping Weight*
8C	8″	1¾″	3½ lbs.
9C	9″	2″	4⅛ lbs.

Packed 1 in a box.

NO. 90 BENCH PLANE

Medium priced plane, similar to No. 9. Milled and polished bottoms assure accuracy and smoothness. End and side adjustment of cutter . . . tool steel cutter blade . . . cherry stained hardwood handle and knob. Length, 9″. Cutter, 2″.

Packed 1 in a box. Shipping weight: 4½ lbs.

NO. 900 BENCH PLANE

Economy priced plane similar to No. 90. Quick, easy depth and side adjustments. Cutter is one solid piece of tool steel, 2″ wide. Sides and bottoms are polished, inside of bottom, lever cap and frog are red and gray enameled. Knob and handle are clear-grained hardwood finished in rich black. Length, 9″.

Packed 1 in a box. Shipping weight: 4 lbs.

FORE and JOINTER PLANES

Bottoms and sides milled and polished. Red enameled frogs and black enameled bottoms. Tropical hardwood handles and knobs. Nickeled and buffed lever cap. Sensitive, easily operated depth and side adjustments. High carbon, tool steel cutters.

Smooth Bottoms

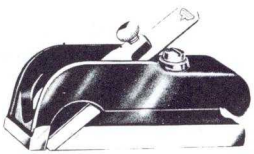
No.	*Length*	*Cutter*	*Shipping Weight*
18 Fore	18″	2⅜″	7½ lbs.
22 Jointer	22″	2⅜″	8⅝ lbs.

Corrugated Bottoms

18C Fore	18″	2⅜″	7⅝ lbs.
22C Jointer	22″	2⅜″	8⅜ lbs.

Packed 1 in a box.

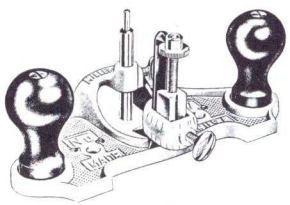
NO. 4 BULL NOSED RABBET PLANE



Ideal for working in close quarters and in corners. Polished sides and bottoms. Black enamel trim. Solid steel cutter hardened and tempered. Length, 4 inches; cutter, 1 inch.

Packed 1 in a box. Shipping weight: ⅝ lb.

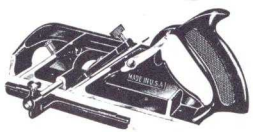
NO. 67 ROUTER PLANE



Open throat design with depth-of-cut attachment which is also used for closing throat on narrow surfaces. Furnished with fence to attach to bottom for straight or curved edges. Screw adjustment of cutters. Exposed parts nickeled. Ebony lacquered finished hardwood handles. Length, 7½″; cutters ¼″, ½″ wide and ½″ pointed smoother.

Packed 1 in a box. Shipping weight: 2⅝ lbs.

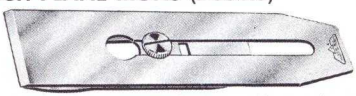
NO. 85 RABBET and FILLISTER PLANE



Two cutter seats — one for regular work with lever adjustment of cutter and a forward seat for bull-nosed work. Adjustable fence can be used on either side or removed. Three point spur and depth gauge. Nickel and black enamel finish. Length, 8½″; cutter, 1½″ wide.

Packed 1 in a box. Shipping weight: 3⅜ lbs.

BENCH PLANE IRONS (Double)



Made from solid tool steel, heat treated. Can be resharpened repeatedly. Millers Falls plane irons can be used in planes of several other makes.

No.	*For Planes Number*	*Width*	*Shipping Wt.*
1168	8-8C-11	1¾″	1⅜ lbs.
2200	9-9C-14-14C-814-900-90-140	2″	1⅝ lbs.
2228	15-15C	2¼″	2 lbs.
2238	10-10C-18-18C-22-22C	2⅜″	2 lbs.
2258	24-24C	2⅝″	2⅜ lbs.

Packed 3 in a box.

BENCH PLANE IRONS (Single)

Made from solid tool steel, heat treated. Can be resharpened repeatedly. Millers Falls plane irons can be used in planes of several other makes.

No.	*For Planes Number*	*Width*	*Shipping Wt.*
168	8-8C-11	1¾″	1⅝ lbs.
200	9-9C-14-14C-814-900-90-140	2″	2 lbs.
228	15-15C	2¼″	2⅜ lbs.
238	10-10C-18-18C-22-22C	2⅜″	2⅛ lbs.
258	24-24C	2⅝″	2¾ lbs.

Packed 6 in a box.

NO. 1470 SLIP-JOINT PLIERS

Drop-forged alloy steel, nickel plated, with thickness of jaws ground after assembly. Inner jaws are serrated to provide a sure grip with either adjustment. Handles are flared outward at the ends to insure a secure hold. Length, 6″.

Packed 6 in a box. Shipping weight: 2¼ lbs.

NO. 54 BRASS PLUMB BOBS

Precision machined brass body. Designed for perfect balance and accurate spotting. Removable screw cap for easy cord attachment. Hardened and ground steel point is replaceable. Available in 6, 8, 10 and 12 oz. sizes. Individually packed in colorful "window" boxes.

No.	*Length*	*Net Weight*	*Shipping Weight*
54	4– 5/64″	6 oz.	½ lb.
54	4–35/64″	8 oz.	⅝ lb.
54	4–55/64″	10 oz.	⅞ lb.
54	5–15/64″	12 oz.	1 lb.

Packed 1 in a box.

PLUMB BOBS

Accurately machine-turned from cold rolled steel with points carefully sharpened. They hang true and insure positive accuracy in plumbing and leveling. Polished and nickeled plated.

No.	*Length*	*Net Weight*	*Shipping Weight*
1	2¾″	2½ oz.	1⅛ lbs.
2	3½″	5 oz.	1⅞ lbs.
3	4¼″	8 oz.	3 lbs.
4	5″	12 oz.	4½ lbs.

Packed 6 in a box.

NO. 141 - 146 CENTER PUNCHES

Nicely knurled bodies. Shank and head polished. Points carefully ground and finished.

No.	*Body*	*Length*	*Shipping Weight*
141	5/16″	4″	⅞ lb.
141	⅜″	4″	1¼ lbs.
141	½″	4″	2¼ lbs.
146	½″	5″	2¾ lbs.

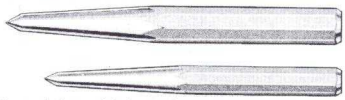
Packed 12 in a box.

NO. 460 CENTER PUNCH

Large square head provides ample striking surface and prevents rolling. Hardened and tempered from head to point. Body is knurled; head and point are polished. Length, 4″; body, 5/16″.

Packed 12 in a box. Shipping weight: 1 lb.

NO. 1202 CENTER PUNCH



Hammer forged from high grade, octagon alloy steel. Points and heads polished. Hardened entire length.

No.	*Stock*	*Length Overall*	*Shipping Weight*
1202	⅜″	5″	1¾ lbs.

Packed 12 in a box.

1202	½″	5½″	1⅝ lbs.

Packed 6 in a box.

NO. 1208 DRIFT PUNCHES

Fine mirror finish on tapers for easy driving. Hardened and tempered heads and tapers.

No.	*Diameter of Point*	*Stock*	*Overall Length*	*Shipping Weight*
1208	3/16″	½″	10″	1¼ lbs.
1208	¼″	⅝″	12″	2½ lbs.

Packed 3 in a box.

NO. 681 PIN PUNCHES

High grade round tool steel hardened and tempered entire length. Body knurled with blued finish. Polished points and heads. Length, 4 inches.

No.	*Point*	*Stock*	*Shipping Weight*
681	1/16″	5/16″	¾ lb.
681	3/32″	5/16″	¾ lb.
681	⅛″	5/16″	¾ lb.
681	5/32″	5/16″	¾ lb.
681	3/16″	5/16″	⅞ lb.
681	7/32″	5/16″	⅞ lb.
681	¼″	⅜″	1⅛ lbs.
681	5/16″	⅜″	1⅜ lbs.

Packed 12 in a box.

NO. 573 TAPER PIN PUNCHES

Forged octagon steel, heat treated with polished points and heads. Grey lacquered bodies.

No.	*Size*	*Stock*	*Overall Length*	*Shipping Weight*
573	3/32″	¼″	5″	¾ lb.
573	⅛″	¼″	5″	¾ lb.
573	5/32″	⅜″	6″	1¼ lbs.
573	3/16″	⅜″	6″	1¾ lbs.
573	7/32″	⅜″	6″	1¾ lbs.
573	¼″	⅜″	6″	1⅞ lbs.
573	5/16″	⅜″	6″	2⅛ lbs.
573	⅜″	⅜″	6″	2¼ lbs.

Packed 12 in a box.

472 Set of 5 (No. 573 Punches — one each: ⅛″, 3/16″, ¼″, 5/16″, ⅜″).

Packed 1 set in a box. Shipping weight: ⅞ lb.

NO. 572 PIN PUNCH SET

A complete set made up of eight sizes No. 573 Pin Punches: consist of 1 each 3/32″, ⅛″, 5/32″, 3/16″, 7/32″, ¼″, 5/16″ and ⅜″.

Packed 1 set in round hardwood box.

Shipping weight: 1¾ lbs.

NO. 465 PRICK PUNCH

Steel body nicely knurled with square head. Hardened, tempered and polished point and head. Body diameter 5/16″; length 4″.

Packed 12 in a box. Shipping weight: 1 lb.

NO. 1199 PRICK PUNCH

Hammer-forged octagon alloy steel. Ground and polished points. Grey lacquer finish and polished heads. Stock, ⅜″; length, 5″.

Packed 12 in a box. Shipping weight: 1⅝ lbs.

NO. 147 SELF-CENTERING PUNCH

Self-positioning tool centers screw holes quickly and accurately in all countersunk screw hardware. Just place tapered head in countersunk screw hole and tap plunger. Knurled body for sure grip. Sales features are printed on handy "hang-up" card, which contains ten punches that are displayed for fast self-service impulse sales.

Packed 10 on a card, 1 card in a box. Shipping weight: ⅝ lbs.

NO. 167 PRICK PUNCH

High grade tool steel finely knurled body with polished point and head. Hardened and tempered.

No.	*Body Diameter*	*Length*	*Shipping Weight*
167	5/16″	4″	¾ lb.
167	⅜″	4″	1¼ lbs.

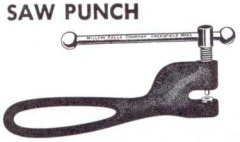
Packed 12 in a box.

NO. 1195 SOLID or TINNERS' PUNCH

Heat treated ⅜″ octagon alloy steel. Polished and ground head. Finished in grey lacquer. Diameter point, 5/32″; length overall, 5″.

Packed 12 in a box. Shipping weight: 1¾ lbs.

NO. 200 SAW PUNCH



Butcher Saw Frames vary so much in size that many users buy unpunched or coiled blades. This inexpensive punch has black enameled, malleable iron frame . . . polished steel screw and crossbar . . . and fine tool steel punch and die carefully hardened and tempered to punch through spring steel easily. Length, 5¾″. Size of hole punched: 11/64″.

Packed 1 in a box. Shipping weight: 9 oz.

PIPE REAMERS

Time-saving tools quickly remove burrs from the ends of pipes and conduits . . . countersink or enlarge holes in sheet metal. Made of hardened and tempered steel for long life. Straight-fluted with bit brace shanks. Hundreds of uses for plumbers, electricians, tinsmiths, etc.

No.	*Fits Pipe*	*Shipping Weight*
171	⅛″ – 1″	¼ lb.
172	¼″ – 1¼″	½ lb.
173	¼″ – 2″	1⅜ lbs.

Packed 1 in a box.

TUNGSTEN CARBIDE HAND SANDERS

These remarkable Hand Sanders last a lifetime of normal use. They sand wood, plastics and composition materials. Twice as fast as sandpaper. Diamond-hard tungsten carbide particles are permanently bonded to a strong steel back, providing an abrasive that always stays sharp and won't wrinkle, shred or tear. Two models, "medium" and "fine", are each complete units — no need to change sheets for different jobs. 2¾″ x 5½″ wooden block with ⅛″ felt pad.

No.	*Grit*	*Shipping Weight*
555	Fine (150)	3 lbs.
556	Medium (80)	3 lbs.

Packed 10 in a box.

NO. 5556 HAND SANDER MERCHANDISER

This unit displays five each fine and medium grit Tungsten Carbide Hand Sanders. Uses minimum counter space . . . 9″ wide, 5½″ deep and 17″ high. Printed in red and black on white. Display unit free with following assortment:

5 No. 555 Tungsten Carbide Hand Sanders
5 No. 556 Tungsten Carbide Hand Sanders

Packed 1 in a box. Shipping weight: 3⅞ lbs.

TUNGSTEN CARBIDE SANDING SHEETS

Lifetime abrasive sheets for orbital-type sanders outlasts hundreds of sheets of sandpaper. Diamond-hard tungsten carbide particles are spaced to resist loading . . . stay sharp indefinitely. Twice as fast as sandpaper, tungsten carbide sheets are easily cleaned with wire brush or solvent. Available in medium, fine and extra-fine grits.

No.	*Grit*	*Shipping Weight*
9080	Medium (80)	⅝ lb.
9120	Fine (120)	⅝ lb.
9150	Extra-fine (150)	⅝ lb.

Packed 1 in a sleeve — 4 sleeves in a box.

TUNGSTEN CARBIDE SANDING DISCS

For fast cutting and smooth finishing with circular power sanders, drills and attachments. They sand wood, plastics, plaster and composition materials twice as fast as sandpaper. Coarse grits ideal for quick removal of paint. Won't load. Diamond-hard tungsten carbide particles permanently bonded to strong steel back . . . stay sharp indefinitely. Available in 5″ and 6″ discs.

No.	*Size*	*Grit*	*Shipping Weight*
6036	6″ Extra Coarse	(36)	⅞ lb.
6046	6″ Coarse	(46)	⅞ lb.
6080	6″ Medium	(80)	1 lb.
6120	6″ Fine	(120)	1 lb.
6150	6″ Extra Fine	(150)	1 lb.
8080	5″ Medium	(80)	⅜ lb.
8120	5″ Fine	(120)	⅜ lb.
8150	5″ Extra Fine	(150)	⅜ lb.

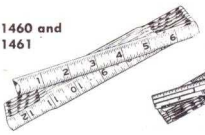
Packed 1 in a sleeve — 4 sleeves in a box.

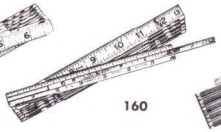
NO. 869 TUNGSTEN CARBIDE MERCHANDISER

Display contains an assortment of 33 Tungsten Carbide Sanding Sheets and Discs. Designed for counter or window use, the No. 869 Merchandiser measures 17½″ high, 14″ wide and 6½″ deep. Display fixture is free with the following assortment of Tungsten Carbide Sheets and Discs.

3 No. 9080 3–11/16″ x 9″ Sheet (80 grit)
3 No. 9120 3–11/16″ x 9″ Sheet (120 grit)
3 No. 9150 3–11/16″ x 9″ Sheet (150 grit)
3 No. 6036 6″ Disc (36 grit)
3 No. 6046 6″ Disc (46 grit)
3 No. 6080 6″ Disc (80 grit)
3 No. 6120 6″ Disc (120 grit)
3 No. 6150 6″ Disc (150 grit)
3 No. 8080 5″ Disc (80 grit)
3 No. 8120 5″ Disc (120 grit)
3 No. 8150 5″ Disc (150 grit)

Packed 1 in a carton. Shipping weight: 6 lbs.


1460 and 1461


160

1562

1561

1560

4 NEW QUIK-COIL POWER TAPES

Push button return with instant stop. No creeping. High polish chrome coated case.

No. 3108 8 ft. Tape ½" width
No. 3110 10 ft. Tape ½" width
No. 3112 12 ft. Tape ½" width
No. 3114 12 ft. Tape ¾" width

Quality material and workmanship throughout. Attractive hand-up display package.

(No. 3114 Tape has a belt clip on back of case)

Packed one in display box — 6 per carton.
Shipping weight: ½" Tapes 2¾ lbs.
¾" Tapes 3½ lbs.

Replacement Blades

No. 3109 8 ft. Tape ½" width (for No. 3108)
No. 3111 10 ft. Tape ½" width (for No. 3110)
No. 3113 12 ft. Tape ½" width (for No. 3112)
No. 3115 12 ft. Tape ¾" width (for No. 3114)

NO. 1680 SLIM-LINE TAPE RULE MERCHANDISER

Compact display contains six each of No. 1106 6-ft. tapes and No. 1108 8-ft. tapes. Takes only 5" x 7½" counter space. Display unit is free with tool assortment.

Packed 1 in a box.
Shipping weight: 2½ lbs.

Replacement Blades

No.	*Width*	*Length*	*For Tape*	*Shipping Weight*
RB-6	½"	6 ft.	1506	2 oz.
RB-8	½"	8 ft.	1508	3 oz.
RB-10	½"	10 ft.	1510	3½ oz.
RB-12	½"	12 ft.	1512	4 oz.
RB-610	¾"	10 ft.	1610	5 oz.
RB-612	¾"	12 ft.	1612	5½ oz.

Packed 1 blade in a box.

STANDARD STEEL MEASURING TAPES

Plastic Housing

Complete, ready-to-use rule for less than the price of a refill. Durable, high-impact styrene case is steel reinforced for long life . . . styled for easy one-finger winding. Fits comfortably into palm. Tape is ⅜" flexible, white faced steel with inches and fractions in black, 16" stud markings and quick-reading foot figures in red.

No.	*Length*	*Shipping Weight*
2050	50 ft.	½ lb.
2100	100 ft.	1 lb.

Packed 1 in a box.

NO. 160 EXTENSION FOLDING RULE

For regular inside and outside measurements plus 7" brass slide that extends 6" for use on inside measurements or as a depth gauge. Slide is graduated in 16ths and has thumb button for one-hand operation. Rule is made of extra-heavy selected hardwood with concealed brass-plated spring joints, brass tips and strike plates. Large, easy-reading numerals . . . graduated in 16ths on both edges. Finished natural wood color with white ends.

Packed 6 in a box. Shipping weight: 2¼ lbs.

NO. 1562 BRICK MASONS RULE

Graduated in 16ths on one side. Brick spacing rule on reverse side. 6 ft. long, folding rules. Extra heavy selected hardwood. Solid brass spring lock joints. Big, easy-reading markings. Brass strike plates and end caps. Heavy duty white plastic finish. Hang hole.

Each in display sleeve. 6 per box.
Shipping weight: 1½ lbs.

NO. 1560 OUTSIDE READING RULE

16ths on all four edges. Double graduations — feet shown beside inch marks.

WHITE TAPE RULES

Available in three widths — ¼", ½" and ¾". All models have chrome plated cases and perma-grip white enamel blades with jet black markings. Blades are concave — flexible enough for measuring angles or curves, yet rigid enough for straight vertical or horizontal measurements. All blades easily replaced. Each rule packaged in attractive hang-up card with "bull's-eye" design.

¼" Slim-Line Tapes

Thin, lightweight case. Case exactly 2" wide at base for easy inside measuring. Non-moveable end hook. Marked in continuous inches. Graduated in 16ths (32nds first 6").

No.	*Length*	*Shipping Weight*
1106	6 ft.	1 lb.
1108	8 ft.	1¼ lbs.

Packed 6 in a box.

½" Tapes

"Quick-reading" feet and inches on upper edges and continuous inches on lower edges. 16" stud markings clearly indicated. Self-adjusting end hooks. Cases exactly 2" wide. Graduated in 8ths and 16ths (32nds first 6").

No.	*Length*	*Shipping Weight*
1506	6 ft.	1½ lbs.
1508	8 ft.	1⅝ lbs.
1510	10 ft.	1¾ lbs.
1512	12 ft.	2⅛ lbs.

Packed 6 in a box.

¾" Tapes

Wide ¾" tempered blades resists bending. Large, easy-to-read foot and inch figures on upper edges, continuous inches on lower edges. Self-adjusting end hooks. Graduated in 8ths and 16ths (32nds first 6"). Cases exactly 2" wide.

No.	*Length*	*Shipping Weight*
1610	10 ft.	3¾ lbs.
1612	12 ft.	4⅛ lbs.

Packed 6 in a box.

DELUXE STEEL MEASURING TAPES

Metal Housing

Sturdy, rust-resistant steel case is covered with attractive red vinyl. Has reinforced opening and roller . . . stainless steel and aluminum trim. Winding handle folds flush and has push-button release. Tape is ⅜" flexible, white-faced steel with inches and fractions in black, 16" stud markings and quick-reading foot figures in red. Blade is detachable and has hook on end for easy, one-man measuring.

No.	*Length*	*Shipping Weight*
3050	50 ft.	¾ lb.
3100	100 ft.	1⅛ lbs.

Packed 1 in a box.

Replacement Blades

No.	*Length*	*Shipping Weight*
3051	50 ft.	⅜ lb.
3101	100 ft.	¾ lb.

Packed 1 in a box.

NO. 1460 AND 1461 6-FT. FOLDING RULES

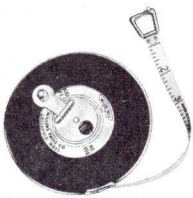
Have large, easy-reading numerals and accurate graduations in 16ths. Of selected hardwood, with concealed brass-plated joints that assure easy action and long life. Durable white enamel finish. No. 1460 for outside reading; No. 1461 for inside.

Packed 12 in a box. Shipping weight: 3⅛ lbs.

NO. 1561 INSIDE READING FOLDING RULE

16ths on all four edges. Double graduations — feet shown beside inch marks.

1680

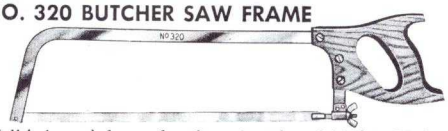

3050
3100

3108

2050
2100

1106
1506
1610

NO. 320 BUTCHER SAW FRAME



Well-balanced frame for three lengths of blades. Made of ¾" x ¼" round edge polished steel. Heavy wing nut and stud for blade tension. Hardwood handle with natural lacquer finish. Furnished with polished and tempered ⅝" blade. Depth throat — 5".

No.	*Length Blade*	*Shipping Weight*
320	18"	4⅜ lbs.
320	22"	4⅞ lbs.
320	24"	5⅜ lbs.

Packed 2 in a box.

EXTRA BUTCHER SAW BLADES

Made from high quality spring steel, ⅝" wide. Ground and polished. Teeth set and filed making a free, fastcutting blade. Ends rounded and punched to length.

No.	*Length*	*Shipping Weight*
420	18"	5¼ lbs.
420	22"	6⅛ lbs.
420	24"	7 lbs.

Packed one-half gross in a box.

BUTCHER SAW COILS

Quality spring steel, tempered, ground and polished Butcher Saw Coils. Teeth are filed, set and refiled after setting. Made in two widths.

No.	*Width*	*Teeth*	*Coils*	*Shipping Weight*
251	⅝"	11	25 ft.	1¾ lbs.
252	¾"	11	25 ft.	1⅝ lbs.
311	⅝"	11	50 ft.	2½ lbs.
312	¾"	11	50 ft.	3⅛ lbs.

Packed 1 in a box.

NO. 345 COMPASS SAW

Exclusive 2-way handle for regular sawing and flush sawing. Furnished with 14" 8-point tempered steel blade. Needle-sharp teeth carefully filed and set. Clear-lacquered hardwood handle is full size — easy to hold. Large wing nut locks blade securely in place, simplifies blade changing. 12" blade also available.

Packed 6 in a box. Shipping weight: 4¼ lbs.

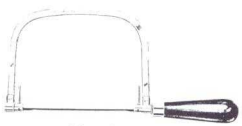
Extra Blades

	Length	*Shipping Weight*
No. R-14	14"	1⅛ lbs.
No. R-12	12"	1 lb.

Packed 6 in a box.

COPING SAWS

No. 52



No. 43

No. 52 — Sturdy, plated steel frame with 5" throat. Blade rotates and locks in any position. Takes all 6½" pin-end or lock-loop blades. Furnished complete with three blades. Hardwood handle finished in rich black.

Packed 10 in a box. Shipping weight: 4¼ lbs.

NOS. 43 and 47 COPING SAW FRAMES

The 43 and 47 frames are identical except for their depth of throat and handle color. They are made of 3/16" x ⅜" round edge spring steel. Studs hold 6 or 6½" blades of loop-end or pin-end types. Blades can be rotated and locked in any position. Turning hardwood handle controls blade tension. Furnished with one No. 65 blade. Exposed metal parts nickeled and buffed.

No.	*Depth of Throat*	*Handle Color*	*Shipping Weight*
43	4¾"	Black	2¼ lbs.
47	6½"	Red	2¾ lbs.

Packed 4 in a box.

NO. 50 COPING SAW BLADES

Blades are of loop-end design, made of fine steel uniformly heat treated to produce excellent results. Teeth are keen and properly set for fast, clean cutting.

	Shipping Weight
6" x 1/16"	5 oz.

Packed 1 doz. in envelope, 12 envelopes in box.

NOS. 60 and 65 COPING SAW BLADES

Uniformly heat treated to produce best result. Teeth are keen and properly set for fast, clean cutting. These pin-end blades are heavier and will outwear finer tooth loop-end blades such as the No. 50.

No.	*Length*	*Shipping Weight*
60	6"	12 oz.
65	6½"	12 oz.

Packed 1 doz. in envelope, 12 envelopes in box.

"BLU-MOL"® MOLYBDENUM HIGH SPEED

Made of very high quality Molybdenum High Speed Steel. Outstanding in its performance from every angle — accuracy of cuts — speed of cutting and resistance to wear. Blu-Mol Blades guarantee lower cutting costs.

All Hard High Speed

Lgth.	*Width*	*Thick-ness*	*Order by Numbers Below Teeth per Inch*				*Wt. Per*
In.	*In.*	*In.*	*14*	*18*	*24*	*32*	*100*
10	½	.025		1018M	1024M	1032M	3⅞
12	½	.025	1214M	1218M	1224M	1232M	4¾

14 and 18 tooth blades have standard set; 24 and 32 tooth blades have wavy set.

Packed 100 in a box.

"BLU-FLEX"® HAND HACKSAW BLADES

This is the famous Millers Falls Blu-Mol blade with a tough, flexible back. The hard, high speed cutting teeth are wear resistant having the identical processing of the Blu-Mol blade. This remarkable new high speed blade is a cost cutter wherever a high percentage of cutting is on the harder alloy steels. Its extreme flexibility eliminates the high cost of breakage. Blu-Flex is outstanding where cutting is toughest.

Lgth.	*Width*	*Thick-ness*	*Order by Numbers Below Teeth per Inch*				*Wt. Per*
In.	*In.*	*In.*	*14*	*18*	*24*	*32*	*100*
10	½	.025		1018BF	1024BF	1032BF	3⅞
12	½	.025	1214BF	1218BF	1224BF	1232BF	4⅝

14 and 18 tooth blades have standard set; 24 and 32 tooth blades have wavy set.

Packed 100 in a box.

"TUF-FLEX"® (Patented) ALLOY STEEL — Super Flexible — All Hard

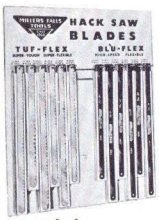
A remarkable, unbreakable, general purpose saw made of a patented (U.S. No. 2,252,869) alloy steel; super-flexible, super-tough, practically non-strippable teeth. Best all around blade for cutting hard and soft steels.

Lgth.	Width	Thick-ness	Order by Numbers Below — Teeth per Inch				Wt. Per
In.	In.	In.	14	18	24	32	100
10	½	.025		53FH	63FH	73FH	3½
12	½	.025	45FH	55FH	65FH	75FH	4⅜

14 and 18 tooth blades have standard set; 24 and 32 tooth blades have wavy set.

Packed 100 in a box.

NO. 5522 HACKSAW BLADE MERCHANDISER



Popular TUF-FLEX standard and BLUE-FLEX premium hand hacksaw blades. Blade sleeves have transparent front for quick identification. Information on selection and proper use of blades printed on back. Display is free with following assortment of blades:

Size: 20" x 14½" x 7½"

Blade Size	BLU-FLEX (1 per sleeve) Quantity	No.	TUF-FLEX (2 per sleeve) Quantity	No.
12" x 18T	10 ea.	S1218BF	20 ea.	S55FH
12" x 24T	10 ea.	S1224BF	20 ea.	S65FH
12" x 32T	5 ea.	S1232BF	10 ea.	S75FH
10" x 18T	10 ea.	S1018BF	20 ea.	S53FH
10" x 24T	10 ea.	S1024BF	20 ea.	S63FH
10" x 32T	5 ea.	S1032BF	10 ea.	S73FH

Packed 1 in a box. Shipping weight: 9¾ lbs.

BACK-UP STOCK: Packed 2 per sleeve, 50 per box for TUF-FLEX and 1 per sleeve, 20 per box for BLU-FLEX in all above sizes. Use "S" prefix on blade number to designate sleeve packs.

MANDRELS

No. 2701

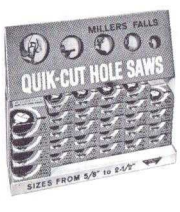
No. 2702

No.		Shipping Weight
2701	Fits ¾"–1⅛" Saws — ¼" Shank	2 oz.
2702	Fits 1¼"–2½" Saws — 5/16" Shank	2½ oz.
2703	Fits 1¼"–2½" Saws — ¼" Shank	2 oz.

Packed 1 in a box.

Hole saws appear on page 28.

2700 QUIK-CUT HOLE SAW MERCHANDISER



Attractively lithographed display unit stocking 24 Quik-Cut Hole Saws: 1 each ⅝" and ¾" — 2 each ⅞", 1", 1⅛", 1¼", 1⅜", 1½", 1⅝", 1¾", 2", 2⅛", and 2½" — 2 each ¼" and ⅝" Mandrels. Width: 15½" — Height: 13½" — Front to Back: 3¾".

Shipping weight: 5⅝ lbs.

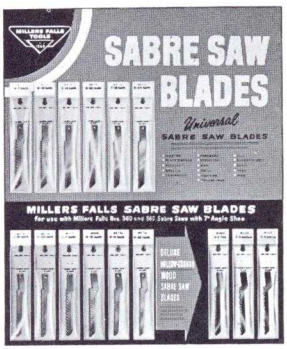
NO. 1112 "BLU-MOL"® MERCHANDISER

The compact, eye-catching No. 1112 Merchandiser is beautifully finished in gold, blue and red on a chrome panel. It requires only 4½" x 8" of counter space and is sturdily built of wood and pressed wood. Fixture is supplied free with initial order for the unit. Blade assortment is as follows:

10 No. 1018M—10"—18T
10 No. 1024M—10"—24T
5 No. 1032M—10"—32T
10 No. 1218M—12"—18T
10 No. 1224M—12"—24T
5 No. 1232M—12"—32T

Packed 1 in a carton. Shipping weight: 3¾ lbs.

NO. 1582 SABRE SAW BLADE MERCHANDISER



CONTENTS

Qty.	No.
12	A-7T Wood
12	B-10T Wood
4	C-14T Metal
4	D-32T Metal
4	F-18T Metal
4	G-24T Metal
4	J-18T Metal
4	K-24T Metal
10	L-7T Wood
10	M-10T Wood
4	N-14T Metal
4	O-32T Metal
2	X-2-Wood Deluxe Fine
2	X-3-Wood Deluxe Med.
2	X-4-Wood Deluxe Coarse
82	Blades

X2, X3, X4 Blades — 1 per Sleeve; All others — 2 per Sleeve.

Contains assortment of universal blades — fit all major models — and blades exclusively designed for popular MF 360 and 560 units. 82 blades. 44 sleeves.

Packed in one carton. Shipping weight: 3 lbs.

EXTRA BLADES

A — 7-tooth Wood Cutting
B — 10-tooth Wood Cutting
C — 14-tooth High Speed Steel Metal Cutting
D — 32-tooth High Speed Steel Metal Cutting
E — Knife Blade
F — 18-tooth hollow ground Metal Cutting
G — 24-tooth hollow ground Metal Cutting
J — 18-tooth, Metal
K — 24-tooth, Metal
L — 7-tooth, Wood
M — 10-tooth, Wood
N — 14-tooth, High Speed Metal
O — 32-tooth, High Speed Metal
P — Knife (fits 360, 560, 886, 2140)
X2 — Fine, Taper Gr.
X3 — Med., Taper Gr.
X4 — Coarse, Taper Gr.
X234 — Set of 3 Blades

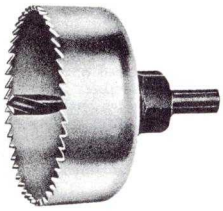
Packed 3 blades in an envelope: 30 blades per box.

Shipping weight: 7 oz.

No. 2141 Set of 4 blades (1 each A, B, C & D in plastic pocket).

Packed 10 sets in a box. Shipping weight: ½ lb.

"QUIK-CUT" HOLE SAWS



Available in sizes from ⅝" through 2½". "QUIK-CUT" Hole Saws bite through metal, wood, plastics and composition materials with speed and ease. They cut clean, round holes up to ⅞" deep . . . increase the capacity of ¼" drills up to 1⅛", ⅜" drills up to 1½" and ½" drills up to 2½". Follow-through design lets saw follow through its own hole for extra-deep cuts. Knock-out holes provided for removing cores. Saws are slotted to fit other make mandrels similar to Millers Falls design.

No.	Diameter Saw	For Conduit Sizes	For Pipe Sizes	Shipping Weight
*2710	⅝"	¼"		1⅞ oz.
2712	¾"	⅜"		1⅛ oz.
2714	⅞"	½"	¾"	1¼ oz.
2716	1"			1⅜ oz.
2718	1⅛"	¾"	1"	1½ oz.
2720	1¼"			1⅝ oz.
2722	1⅜"	1"		1⅝ oz.
2724	1½"		1¼"	1¾ oz.
2226	1⅝"			1⅞ oz.
2728	1¾"	1¼"	1½"	2⅛ oz.
2730	1⅞"			2¼ oz.
2732	2"	1½"		2⅜ oz.
2734	2⅛"			3 oz.
2736	2¼"			3⅛ oz.
2740	2½"	2"		3½ oz.

Packed 1 in a box.

*Built-in Mandrel **Hole saw mandrels on page 27.**

NO. 83 KITCHEN SAW FRAME

Frame made of ½" x 3/16" round edge steel. Natural lacquer finished hardwood handle. Excellent for bone, frozen foods, plastics, wood, soft metals, ivory, etc. A polished and tempered 14" x ½" blade furnished free.

Packed 4 in a box. Shipping weight: 4⅛ lbs.

Extra Blades.

Packed in bulk. Weight each: 1 oz.

NO. 86 KITCHEN SAW

New design low price saw for home use. Round edge steel frame ½" x 3/16". New style natural lacquer finish hardwood handle. Wing nut for blade tension. Excellent for bone, frozen foods, plastics, wood, soft metals, ivory, etc. Furnished with polished and tempered stainless steel 14" x ½", 10-tooth blade filed and set for fast, free cutting.

Packed 4 in a box. Shipping weight: 4⅛ lbs.

No. 868 Extra Blades.

Packed 5 in a package. Shipping weight: ¼ lb.

HAND SAWS

26" ground steel blade protected by polymerized finish. High quality carved hardwood handle. Five nickel plated screws. Bevel filed teeth.

No. 1005	26" Rip Saw	5½ point
No. 1008	26" Cross Cut Saw	10 point
No. 1010	26" Cross Cut Saw	10 point

Packed 2 per individual carton. Shipping weight: 4 lbs. 10 per master carton: Shipping weight: 20¼ lbs.

NO. 237 KEYHOLE SAW

Cuts nails, metal lath, plaster board, stucco, BX conduit, and wood. Hand-fitting pistol grip handle is finished in gray and red enamel. Complete with one No. 7 (18 tooth) blade. Mounted on an attractive card 13¼" x 6⅛".

	Length Blade	Overall Length	Shipping Weight
No. 237	7½"	10"	1⅞ lbs.

Carded and packed 6 in a box.

Extra Blades

Type of Blade	Length Blade	Teeth per inch of Blade	Shipping Weight
No. 7 Metal Cutting	7½"	18	⅜ lb.
No. 8 Metal Cutting	7½"	24	⅜ lb.
No. 9 Wood Cutting	7½"	9	¼ lb.

Packed 10 in a box.

NO. 2370 "NEST OF SAWS"

No. 237 Saw complete with No. 7 Blade mounted on a colorful card with two extra blades — one No. 8 and one No. 9.

Carded and packed 12 in a box. Shipping weight: 5 lbs.

NO. 499 DRY WALL SAW

Cuts openings fast for outlet boxes, switches, fixtures, pipes, registers, etc. New die cast form-fitting handle. No cramping of hand. Lightweight. Quik-acting chuck holds blade fast. Blades can be changed rapidly. Blade turns and locks in 8 positions.

Furnished with No. 149 5½" x 9T wood cutting blade. 12" wood, metal and combination blades available.

Carded and packed 4 in a box. Shipping weight: 3¾ lbs.

NO. 149 DRY WALL SAW BLADE

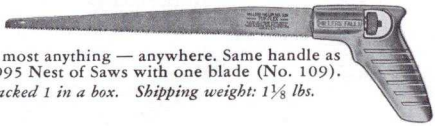
5½" x 9T Wood Cutting — will fit No. 499 Dry Wall Saw, Nos. 525 and 895 Keyhole Saws, Nos. 725 and 995 Nests of Saws. Also other makes of keyhole saws.
Polished finish — lacquered.

Packed 10 in a box. Shipping weight: ⅜ lb.

NO. 525 ROTATABLE BLADE KEYHOLE SAW

Saw most anything — most anywhere. Cut steel, iron, wood, plastics, nails, metal lath, asbestos board, etc. The blades can be faced and locked in eight positions.

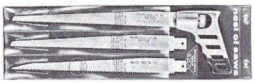
NO. 895 ROTATABLE BLADE KEYHOLE SAW



Saws most anything — anywhere. Same handle as No. 995 Nest of Saws with one blade (No. 109).

Packed 1 in a box. Shipping weight: 1⅛ lbs.

NO. 725 "NEST OF SAWS"



No. 525 Keyhole Saw complete with No. 109 Blade mounted on a colorful card with two extra blades, one No. 249 and one No. 279.

Packed 4 in a box. Shipping weight: 6⅛ lbs.

NO. 995 "NEST OF SAWS"

Comfortable, new-style handle with quik-acting chuck. Blades turn and lock in 8 positions. Cuts steel, iron, wood, plastics, nails, metal lath, asbestos boards, etc.

Complete with three 12″ blades.

Packed 4 in a box. Shipping weight: 5⅝ lbs.

Replacement Blades

No.	*Cutting*	*Teeth*	*Length*	*Weight*
109	Combination	10	12″	1 lb.
249	Metal Cutting	24	12″	1¼ lbs.
279	Wood Cutting	7	12″	1¼ lbs.

(Note: Blades will fit other makes of keyhole saws).

Packed 10 in a box.

NO. 381 BEARING SCRAPER

Finest scraper made. Forged steel blades are curved, tapered and recessed and hardened, tempered to glass hardness. Can be sharpened on oilstone. Mahogany lacquered handles.

No.	*Cutting Edge*	*Length*	*Shipping Weight*
381	1½″	8″	1⅛ lbs.
381	2½″	10″	2 lbs.
381	3½″	11″	2⅝ lbs.
381	4½″	12″	3 lbs.

Packed 6 in a box.

No. 740 Set one each 1½″, 2½″, 3½″.

Packed 1 set in a box. Shipping weight: 1⅛ lbs.

No. 471 Set one each 2½″, 3½″, 4½″.

Packed 1 set in a box. Shipping weight: 1⅜ lbs.

NO. 34 and 35 WOOD SCRAPERS

Ideal scraper for refinishing woodwork, removing paint from furniture, walls, etc. with little effort. Reversible four-edged carbon steel blade tempered to hold keen edge. Hardwood handle.

No.	*Width Blade*	*Length*	*Shipping Weight*
34	2½″	5″	2⅜ lbs.
35	1½″	5″	1½ lbs.

Packed 6 in a box.

No. 346 Extra Blades for No. 34 (Also fit Nos. 39, 1439).

Packed 6 in a box. Shipping weight: ¾ lb.

No. 356 Extra Blades for No. 35. (Also fit No. 51).

Packed 6 in a box. Shipping weight: ⅜ lb.

NO. 39 and 51 WOOD SCRAPERS

Paint brush type handle, selected hardwood finished in clear lacquer. Tempered tool steel blade has four scraping edges. Two blades ready for use and two sharp edges available by reversing blade in handle.

No.	*Width Blade*	*Length*	*Shipping Weight*
39	2½″	8¾″	2⅝ lbs.
51	1½″	7½″	1½ lbs.

Packed 6 in a box.

No. 346 Extra Blades for No. 39. (Also fit Nos. 34, 1439).

Packed 6 in a box. Shipping weight: ¾ lb.

No. 356 Extra Blades for No. 51. (Also fit No. 35).

Packed 6 in a box. Shipping weight: ⅜ lb.

NO. 939 SINGLE-BLADE SCRAPER

Birch handle — cherry stain, rubbed shellac finish. Single reversible blade — 2½″. Hardened and ground blade. Two scraping edges. Length: 7¾″.

Packed 6 in a box.

Shipping weight: 1⅜ lbs.

No. 336 Extra Blade.
For use with No. 939 Scraper.

Packed 6 in a box.

Shipping weight: ⅜ lb.

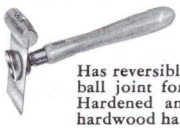
NO. 1439 WOOD SCRAPER

Paint brush type handle 9″ long provides ample room to apply pressure and a sure, comfortable grip. Each blade has four scraping edges. Hardwood handles finished in clear lacquer.

Packed 6 in a box. Shipping weight: 2¼ lbs.

No. 346 Extra Blades for No. 1439. (Also fit Nos. 34, 39).

NO. 296 FLOOR SCRAPER

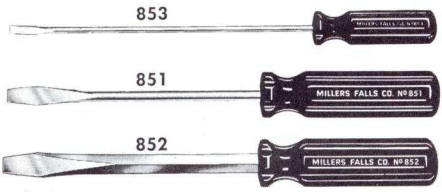


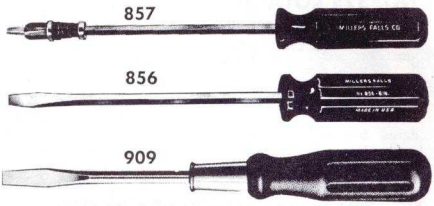
Has reversible tool steel blade, 3″ x 4½″ held by ball joint for setting at wide range of angles. Hardened and tempered blade. Natural finish hardwood handles.

Packed 1 in a box. Shipping weight: 1¼ lbs.

No. 376 Extra Blades.

Packed 6 in a box. Shipping weight: ⅞ lb.





854

NO. 851 STANDARD SCREWDRIVERS (Round Shank) (Clear Plastic Handle)

Chrome vanadium steel blades tempered entire length. Cross ground bits. Round shanks polished. Indestructible, shock-proof, transparent red "Tenite" handles.

No.	Length Blade	Diameter Shank	Shipping Weight
851-4″	4″	9/32″	1¼ lbs.
851-6″	6″	5/16″	2 lbs.
851-8″	8″	3/8″	3¼ lbs.
851-10″	10″	7/16″	4½ lbs.
851-12″	12″	7/16″	5⅛ lbs.

Packed 6 in a box.

NO. 852 STANDARD SCREWDRIVERS (Heavy Sq. Shank) (Clear Plastic Handle)

Made from chrome vanadium square steel with bits forged on the diagonal and tempered entire length. Cross ground bits nickeled and buffed. Indestructible, shock-proof, transparent red "Tenite" handles.

No.	Length Blade	Shank	Shipping Weight
852-4″	4″	¼″ x ¼″	1¼ lbs.
852-6″	6″	5/16″ x 5/16″	2¼ lbs.
852-8″	8″	3/8″ x 3/8″	3¾ lbs.
852-10″	10″	3/8″ x 3/8″	4½ lbs.
852-12″	12″	3/8″ x 3/8″	5 lbs.

Packed 6 in a box.

860

NO. 853 CABINET SCREWDRIVERS (Round Shank) (Clear Plastic Handle)

Blades forged from 3/16″ round chrome vanadium steel, tempered entire length. Bits cross ground. Indestructible, shock-proof, transparent red "Tenite" handles.

No.	Length Blade	Diameter Shank	Shipping Weight
853-3″	3″	3/16″	¾ lb.
853-6″	6″	3/16″	7/8 lb.
853-8″	8″	3/16″	1 lb.
853-10″	10″	3/16″	1⅛ lbs.

Packed 6 in a box.

NO. 854 STANDARD SCREWDRIVER (Stubby) (Clear Plastic Handle)

Sturdy screwdriver for close quarters. Blade is 1½″ long forged from 5/16″ square stock. Transparent red "Tenite" handle, slow burning and high dielectric strength. Blade is 5/16″ wide.

Packed 6 in a box. Shipping weight: 7/8 lb.

NO. 855 STANDARD SCREWDRIVER (Pocket Size) (Clear Plastic Handle)

Equipped with clip. Blade is ⅛″ diameter nickel plated, and will handle screws too small for regular screwdrivers. Transparent red "Tenite" shock-proof handle. Length, 2″.

Packed 6 in a box. Shipping weight: ¼ lb.

855

NO. 856 STANDARD SCREWDRIVERS (Slim Sq. Shank) (Clear Plastic Handle)

Popular screwdriver suited for work on electrical appliances, radio, TV, where a slim screwdriver is required. Has 3/16″ square shank. "Tenite" handles.

No.	Length Blade	Shank	Shipping Weight
856-4″	4″	3/16″ x 3/16″	1 lb.
856-6″	6″	3/16″ x 3/16″	1¼ lbs.
856-8″	8″	3/16″ x 3/16″	1½ lbs.
856-10″	10″	3/16″ x 3/16″	1¾ lbs.

Packed 6 in a box.

NO. 857 QUIK-HOLD SCREWDRIVERS

These screwdrivers simplify and speed up driving screws in hard-to-reach places. Tempered steel jaws open easily to admit screw, close to hold screw firmly in place at tip of driver. After screw is started, just pull back on driver to withdraw jaws. Transparent red "Tenite" handles are indestructible, shockproof.

No.	Length Blade	Shipping Weight
857	2½″	½ lb.
857	4″	¾ lb.
857	5″	7/8 lb.
857	7″	1⅜ lbs.

Packed 6 in a box.

NO. 860 PHILLIPS SCREWDRIVER (Stubby) (Clear Plastic Handle)

Similar to No. 854 but with Phillips blades 1⅜″ long. Transparent red "Tenite" handle, slow burning and of high dielectric strength.

No.	Size Blade	Length Blade	Shipping Weight
860-#1	No. 1 Phillips	1⅜″	½ lb.
860-#2	No. 2 Phillips	1⅜″	5/8 lb.
860-#3	No. 3 Phillips	1⅜″	¾ lb.

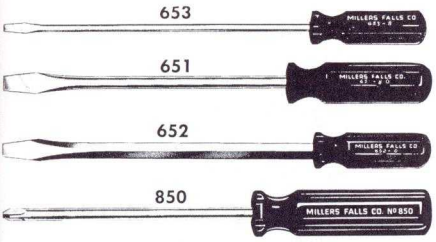
Packed 6 in a box.

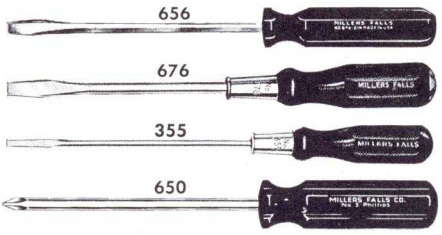
NO. 909 SCREWDRIVERS (Wood Handle)

Hammer forged heat-treated tool steel blades. Wide wings on shanks to prevent turning in handle. Fluted mahogany lacquered hardwood handles. Steel ferrules pinned on. Polished blades with head and ferrule nickel plated.

No.	Length Blade	Blade Width	Shipping Weight
909	2″	7/32″	7/8 lb.
909	3″	7/32″	7/8 lb.
909	4″	9/32″	1¼ lbs.
909	5″	5/16″	1⅜ lbs.
909	6″	5/16″	2 lbs.
909	8″	3/8″	3¼ lbs.
909	10″	3/8″	3¾ lbs.
909	12″	3/8″	4⅛ lbs.
909	18″	3/8″	5½ lbs.

Packed 6 in a box.





NO. 355 CABINET SCREWDRIVERS (Wood Handle)

Blades hammer forged from high grade tool steel. Hardened, oil tempered and polished. Fluted mahogany lacquered hardwood handles with pinned steel ferrules. Blade width, 7/32".

No.	*Length Blade*	*Shipping Weight*
355	2½"	¾ lb.
355	3½"	¾ lb.
355	4½"	⅞ lb.
355	5½"	1 lb.
355	6½"	1⅛ lbs.
355	8½"	1¼ lbs.

Packed 6 in a box.

NO. 650 PHILLIPS SCREWDRIVERS (Round Shank) (Opaque Plastic Handle)

No.	*Blade Length*	*Phillips Point*	*Shank Size*	*For Screw Sizes*	*Shipping Weight*
650-#1	3"	#1	3/16"	#2-#4	⅝ lb.
650-#2	4"	#2	¼"	#5-#9	⅞ lb.
650-#3	6"	#3	5/16"	#10-#16	1⅝ lbs.

Packed 6 in a box.

NO. 651 STANDARD SCREWDRIVERS (Round Shank) (Opaque Plastic Handle)

No.	*Blade Length*	*Blade Width*	*Shank Size*	*For Screw Sizes*	*Shipping Weight*
651-3"	3"	7/32"	7/32"	#5-#8	¾ lb.
651-4"	4"	9/32"	9/32"	#6-#10	1¼ lbs.
651-6"	6"	5/16"	5/16"	#8-#14	1½ lbs.
651-8"	8"	⅜"	⅜"	#10-#16	2⅝ lbs.

Packed 6 in a box.

NO. 652 STANDARD SCREWDRIVERS (Heavy Sq. Shank) (Opaque Plastic Handle)

No.	*Blade Length*	*Blade Width*	*Shank Size*
652-4"	4"	9/32"	¼" x ¼"
652-6"	6"	⅜"	5/16" x 5/16"
652-8"	8"	½"	⅜" x ⅜"
652-10"	10"	½"	⅜" x ⅜"

Packed 6 in a box.

No.	*For Screw Sizes*	*Shipping Weight*
652-4"	#6-#10	1¼ lbs.
652-6"	#8-#14	2 lbs.
652-8"	#10-#16	3¼ lbs.
652-10"	#14-#18	3½ lbs.

Packed 6 in a box.

NO. 653 CABINET SCREWDRIVERS (Round Shank) (Opaque Plastic Handle)

No.	*Blade Length*	*Blade Width*	*Shank Size*	*For Screw Sizes*	*Shipping Weight*
653-3"	3"	3/16"	3/16"	#4-#6	⅝ lb.
653-4"	4"	3/16"	3/16"	#4-#6	⅝ lb.
653-6"	6"	3/16"	3/16"	#4-#6	¾ lb.
653-8"	8"	3/16"	3/16"	#4-#6	⅞ lb.

Packed 6 in a box.

NO. 654 STANDARD SCREWDRIVER (Stubby) (Opaque Plastic Handle)

No.	*Blade Length*	*Blade Width*	*Shank Size*	*For Screw Sizes*	*Shipping Weight*
654	1¼"	9/32"	¼" x ¼"	#6-#10	⅝ lb.

Packed 6 in a box.

NO. 655 STANDARD SCREWDRIVER (Pocket Size) (Opaque Plastic Handle)

No.	*Blade Length*	*Blade Width*	*Shank Size*	*For Screw Sizes*	*Shipping Weight*
655	2"	5/32"	⅛"	#2-#4	¼ lb.

Packed 12 in a box.

NO. 656 STANDARD SCREWDRIVERS (Slim Sq. Shank) (Opaque Plastic Handle)

No.	*Blade Length*	*Blade Width*	*Shank Size*	*For Screw Sizes*	*Shipping Weight*
656-4"	4"	7/32"	3/16" x 3/16"	#6-#9	1 lb.
656-6"	6"	7/32"	3/16" x 3/16"	#6-#9	1⅛ lbs.
656-8"	8"	7/32"	3/16" x 3/16"	#6-#9	1⅛ lbs.
656-10"	10"	7/32"	3/16" x 3/16"	#6-#9	1⅜ lbs.

Packed 6 in a box.

NO. 660 PHILLIPS SCREWDRIVERS (Stubby) (Opaque Plastic Handle)

No.	*Blade Length*	*Phillips Point*	*Shank Size*	*For Screw Sizes*	*Shipping Weight*
660-#1	1"	#1	3/16"	#2-#4	⅜ lb.
660-#2	1½"	#2	¼"	#5-#9	⅝ lb.

NO. 676 SCREWDRIVERS (Wood Handle)

Fine quality screwdriver with steel head in end of handle locked directly to shank of blade. Blades are tough tool steel hammer-forged and heat treated. Wide wings on shanks to prevent turning in handle. Polished blades with head and ferrule nickel plated. Steel ferrule pinned through blade. Fluted mahogany lacquered hardwood handles.

No.	*Length Blade*	*Blade Width*	*Shipping Wt.*
676	3"	7/32"	1¼ lbs.
676	4"	9/32"	1⅝ lbs.
676	5"	5/16"	2½ lbs.
676	6"	5/16"	2⅝ lbs.
676	8"	⅜"	4⅛ lbs.
676	10"	⅜"	4½ lbs.
676	12"	⅜"	5 lbs.

Packed 6 in a box.

NO. 850 PHILLIPS SCREWDRIVER (Round Shank) (Clear Plastic Handle)

Designed to handle Phillips recessed head screws. Blades machined within close limits. Will fit screws perfectly. Polished blades tempered entire length. Indestructible, shock-proof transparent red "Tenite" handles.

No.	*Phillips Size*	*Length Blade*	*Diameter*	*Shipping Weight*
850-#1	0-4	3"	3/16"	⅝ lb.
850-#2	5-9	4"	¼"	1¼ lbs.
850-#3	10-16	6"	5/16"	2 lbs.
850-#4	18-24	8"	⅜"	3⅜ lbs.

Packed 6 in a box.

660

654

655

NO. 199 OFFSET SCREWDRIVER

Equipped with four blades, one pair at 90° and one pair at 45°. Provides blade for eight positions of screw slot. Tool steel blades carefully hardened and tempered. Length, 5¼".

Packed 6 in a box. Shipping weight: 1¼ lbs.

NO. 797 OFFSET SCREWDRIVERS

High grade forged octagon steel with forged and polished bits set at right angles on opposite ends of handle. Starts frozen and out-of-the-way screws.

No.	*Length*	*Stock*	*Shipping Weight*
797	4¼"	¼"	1⅛ lbs.
797	6¼"	⅜"	3 lbs.

Packed 12 in a box.

NO. 69 STANDARD SCREWDRIVER (Stubby)

(Wood Handle)

Fits the palm of the hand snugly and with a positive grip. Polished blade is set in a fluted hardwood handle finished in rich black and protected with heavy steel ferrule. Blade length, 1½"; blade width, 9/32"; shank size, ¼" x ¼"; for screw sizes #6–#10.

Packed 6 in a box. Shipping weight: 14 oz.

NO. 331 JEWELERS' SCREWDRIVERS (Wood Handle)

Light service screwdrivers especially adapted for use by jewelers and for delicate work. Blades are hammer-forged, hardened and tempered their entire length, and well polished. Mahogany finished hardwood handles protected with nickeled ferrules. All blades are 9/64" wide.

No.	*Length Blade*	*Shipping Weight*
331	2"	⅜ lb.
331	3"	⅜ lb.
331	4"	½ lb.
331	5"	½ lb.
331	6"	½ lb.
331	8"	½ lb.

Packed 6 in a box.

NO. 29 10" SPIRAL RATCHET SCREWDRIVER

A high grade tool in every detail. Drives or draws #4 to #8 screws quickly. The ratchet mechanism is entirely new and dependable. Automatic quick-return spring. One bright finish forged steel bit ¼" wide is regular equipment. Chuck and chuck sleeve, shifter sleeve and screw in handle end are nickeled and buffed. Handle is of clear-grained hardwood with rich black finish. Length extended with bit, 10".

Packed 1 in a box. Shipping weight: ½ lb.

NO. 29X 10" SPIRAL RATCHET SCREWDRIVER

Same as No. 29 but with #3291, #3292, #3293 drill points and #297-5/32" Cabinet Bit.

Packed 1 in a box. Shipping weight: ⅝ lb.

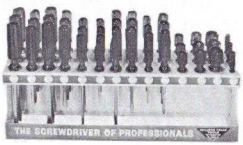
NO. 7777 STANDARD SCREWDRIVERS (Round Shank) (Wood Handle)

Sturdy, serviceable screwdrivers in the five best-selling lengths. Torque tested blades are hammer-forged from specially tough steel, hardened and tempered their entire length. Forged lugs on shanks prevent turning in handle. Blades and ferrules nickel plated and burnished. Selected hardwood handles with rich black finish. Fluted to give a firm, sure grip.

No.	*Blade Length*	*Blade Width*	*Shank Size*	*For Screw Sizes*	*Shipping Weight*
*7777-1"	Phillips Hd	3/16"	3/16"	#2–#4	¾ lbs.
*7777-2"	Phillips Hd	1⅛"	1⅛"	#5–#9	1⅛ lbs.
7777-3"	3"	7/32"	7/32"	#5–#8	1¾ lbs.
7777-4"	4"	9/32"	9/32"	#6–#10	2½ lbs.
7777-5"	5"	5/16"	5/16"	#7–#12	3⅝ lbs.
7777-6"	6"	5/16"	5/16"	#8–#14	3⅞ lbs.
7777-8"	8"	⅜"	⅜"	#10–#16	6⅜ lbs.

*Packed 12 in a box. *Packed 6 in a box.*

NO. 6542 PROFESSIONAL SCREWDRIVER MERCHANDISER



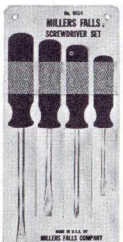
56 of the most popular screwdrivers. Display fixture — 20" long, 6" high, 4" deep — entirely free with screwdriver assortment.

CONTENTS

4 ea. No. 651-6"	4 ea. No. 656-4"
4 ea. No. 651-4"	4 ea. No. 650-#1
4 ea. No. 652-6"	4 ea. No. 650-#2
4 ea. No. 652-4"	4 ea. No. 660-#1
4 ea. No. 653-6"	4 ea. No. 660-#2
4 ea. No. 653-3"	4 ea. No. 654
4 ea. No. 656-6"	4 ea. No. 655

Packed one per carton. Shipping weight: 12¼ lbs.

NO. 8514 SCREWDRIVER SET



A popular selection of four fine quality screwdrivers for everyday use in workshop or home. Packed in a plastic pouch. The blades are carefully tempered, forged steel, nickel plated and the handles are unbreakable, shockproof, red "Tenite". Set consists of one each No. 851-4", No. 851-6", No. 853-3", No. 850-#2.

Packed 1 set in a box.
Shipping weight: 1⅛ lbs.

NO. 229 13" SPIRAL RATCHET SCREWDRIVER

Same as No. 29, but longer: extended length with bit is 13". Like the No. 29, the No. 229 has an automatic quick-return spring. Ratchet mechanism can be set for right or left-hand operation, or for rigid operation.

Packed 1 in a box. Shipping weight: ⅝ lb.

NO. 8542 POPULAR TOP QUALITY SCREWDRIVER MERCHANDISER

Compact merchandiser. 20″ long, 6″ high, 4″ deep. 42 professional quality screwdrivers.

CONTENTS

3 ea. No. 851-6″	3 ea. No. 856-4″
3 ea. No. 851-4″	3 ea. No. 850-✻1
3 ea. No. 852-6″	3 ea. No. 850-✻2
3 ea. No. 852-4″	3 ea. No. 860-✻1
3 ea. No. 853-6″	3 ea. No. 860-✻2
3 ea. No. 853-3″	3 ea. No. 854
3 ea. No. 856-6″	3 ea. No. 855

Packed one per carton. Shipping weight: 10⅝ lbs.

NO. 61A-62A-67A SPIRAL RATCHET SCREWDRIVERS

Smooth, powerful action, and tested dependability. Performs five operations: drives or draws screws — acts as a left or right hand ratchet screwdriver — or as a rigid screwdriver. Knurled control sleeve and spiral lock nut control action. Precisely machined spiral runs in two double length bronze spiral nuts. Exposed metal parts nickel plated. Mahogany finished hardwood handle. Furnished with three sizes of blades.

No.	*Length Extended With Bit Inserted*	*Length Closed*	*Shipping Weight*
61A	19⅝″	14″	1⅜ lbs.
62A	25¼″	17″	1⅞ lbs.
67A	13″	9¾″	⅝ lb.

Packed 1 in a box.

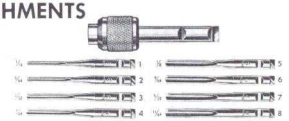
NO. 610A-620A-670A SPIRAL RATCHET SCREWDRIVERS

Same as No. 61A — 62A — 67A except these models have a spring in the handle which automatically returns the handle for the next stroke. This makes one hand operation easy.

No.	*Length Extended With Bit Inserted*	*Length Closed*	*Shipping Weight*
610A	20½″	15″	1½ lbs.
620A	27″	18⅞″	2⅜ lbs.
670A	14″	10½″	¾ lb.

Packed 1 in a box.

DRILL ATTACHMENTS



Attachments for spiral screwdrivers converting them into drills for small holes. Ball lock chuck. Set 6700 has 3 drills furnished and sets 6100 and 6200 have eight drills.

No.	*For Screwdriver*	*Size Drills*	*Shipping Weight*
6100	61A & 610A	1 to 8	2½ oz.
6200	62A & 620A	1 to 8	2½ oz.
6700	67A & 670A	1 to 3	1½ oz.

Packed 1 set in a round wooden box.

SPIRAL RATCHET SCREWDRIVER BITS

For Standard Slotted Screws

Fitting No.	*No.*	*Size*	*Shipping Weight*
No. 67A	1514	5/32″	1/3 oz.
and	1515	3/16″	1/3 oz.
No. 670A	1516	7/32″	1/3 oz.
	6732 Set	1 bit of each size	1 oz.
No. 61A	1201	7/32″	⅞ oz.
and	1202	¼″	⅞ oz.
No. 610A	1203	9/32″	⅞ oz.
	6132 Set	1 bit of each size	2⅝ oz.
No. 62A	1166	¼″	1 oz.
and	1167	9/32″	1 oz.
No. 620A	1168	5/16″	1 oz.
	6232 Set	1 bit of each size	3 oz.

Individual bits packed singly. Sets packed 1 in an envelope.

For Phillips Screws

No.	*Phillips Size*	*For Screwdriver*	*Shipping Weight*
P11	No. 1	61A-610A	1 oz.
P12	No. 2	61A-610A	1 oz.
P13	No. 3	61A-610A	1 oz.
P22	No. 2	62A-620A	1 oz.
P23	No. 3	62A-620A	1 oz.
P17	No. 1	67A-670A-29-29X-229	½ oz.
P27	No. 2	67A-670A-29-29X-229	½ oz.

Packed singly.

SOCKET WRENCH ADAPTERS

Fit directly into chuck of Nos. 61A — 610A — 62A — 620A Spiral Ratchet Screwdrivers. Converts them into light duty nut runners and setters. Will fit any socket with ¼″ back.

No. 1061 For 61A and 610A Screwdrivers.
No. 1062 For 62A and 620A Screwdrivers.

Packed 1 in an envelope. Shipping weight: 1 oz.

NO. 295 SPIRAL RATCHET SCREWDRIVER ACCESSORY SET

Carded sets for use with No. 29 or No. 229 Spiral Ratchet Screwdrivers. Set consists of No. 297 Bit, one set of No. 329 Drills and one No. 298 Countersink.

Carded and packed 4 in a box.

Shipping weight: ½ lb.

NO. 351 SCREWDRIVER BITS

Hammer forged from high quality steel. Hardened, tempered and polished. Points accurately finished to fit slots of size screws for which they are designed. Square shanks to fit two-jaw or bit brace chucks. Length overall, 5″.

No.	*Point Size*	*Screw Size*	*Shipping Weight*
351	4/16″	6 to 8	1 lb.
351	5/16″	8 to 12	1⅛ lbs.
351	6/16″	12 to 16	1⅝ lbs.
351	7/16″	16 to 20	1⅝ lbs.
351	8/16″	20 to 24	1⅝ lbs.

Packed 12 in a box.

351 — Assortment 6 to 16 1¼ lbs.
Assortment consists of 4 each of three sizes: 4/16″, 5/16″, 6/16″.

Packed 1 assortment in a box. Shipping weight: 1¼ lbs.

NO. 1465 "SCREW GUIDES"

Drill holes for threaded portion, body, countersink or plug in one operation with hand or power tools. May be used with any ¼" chuck. Adjustable for any length of wood screw. Sizes for No. 6, No. 8, No. 10 and No. 12 screws. Always stop at correct pre-set depth.

Carded and packed 4 in a box.

Shipping weight: ½ lb.

NO. 214 SAW SET

Pistol grip pattern. Easy to obtain positive set on any saw with four to fourteen teeth per inch. Clear vision to center plunger on teeth. Steel guide and adjustable steel anvil. Frame and handle finished in grey and red enamel. Lever malleable iron. Exposed steel parts nickel plated.

Packed 1 in a box.

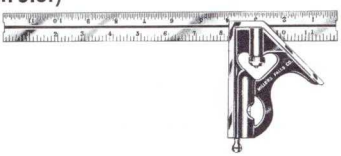
Shipping weight: 1⅜ lbs.

NO. 789 SAW-KNIFE SET

Cuts most anything — wood, metal, plywood, plastic, frozen foods, etc. Consists of No. 333 Utility Knife complete with 5 No. 3318 Blades in handle; No. 9 9-tooth wood cutting saw blade; No. 7 18-tooth metal cutting saw blade; and No. 8 24-tooth metal cutting saw blade.

Packed 6 cards in a box. Shipping weight: 2½ lbs.

NO. 1200 COMBINATION SQUARE (Pencil Slot)



An accurate, well-finished square. Serves as a try square, mitre square, depth gauge or marking gauge. Each end of blade notched to hold pencil when marking a ripping cut. Steel blade is 12" long and 1" wide, well finished and accurately graduated in 8ths and 16ths on one side and 16ths and 32nds on the other. Graduations are deeply etched. Working faces of the beam are accurately milled with polished edges; web is finished in black enamel. A cat's-eye level vial is accurately set in the body, which can be used either as a level or a plumb. A sturdy, well-pointed scriber is also supplied.

Packed 4 in a box. Shipping weight: 3½ lbs.

NO. 1000 COMBINATION SQUARE

Has a 12-inch blade like the No. 1200, but is without level vial and scriber.

Packed 4 in a box. Shipping weight: 3½ lbs.

NO. 9500 COMBINATION SQUARE

Has level vial and scriber like No. 1200, but has 9-inch blade.

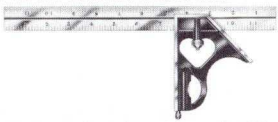
Packed 4 in a box. Shipping weight: 3 lbs.

NO. 1250 STAINLESS STEEL COMBINATION SQUARE

This new square has a 12" rustproof blade of stainless steel notched for marking pencil. Graduations are clearly etched in ⅛ths, 1/16ths, and 1/32nds of an inch. The black enameled, cast iron beam has accurately machined faces and is equipped with level and scriber. Six essential tools in one, the No. 1250 can be used as a 12" steel rule, a try and mitre square, a depth gauge, marking gauge, 90° and 45° level, and a scriber.

Carded and packed 1 in a box. Shipping weight 1¼ lbs.

NO. 1270 CARPENTER SQUARE



Twelve-inch blade graduated in 8ths and 16ths on one side, 16ths and 32nds on the other, with easy-reading figures on the 32nds. Figures are heavily die impressed. Precisely cast beam. Drawbolt held by steel spring and nut. Equipped with spring-held scriber and double hairline level.

Packed 1 in display box. Shipping weight: ¾ lb.

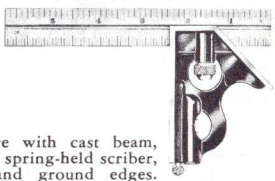
NO. 1271 CARPENTER SQUARE

Same as No. 1270 except beam has metallic finish. Grooved blade is graduated in 8ths, 16ths on one side — 16ths and 32nds (quick-reading) on other side.

Packed 10 in a box — 2 boxes in a master carton.

Shipping weight: 7 lbs. (10); 14⅝ lbs. (20)

NO. 1276 POCKET SQUARE



Handy 6" pocket square with cast beam, grooved blade, hardened, spring-held scriber, double hairline level and ground edges. Graduated in 8ths, 16ths one side — 16ths and quick-reading 32nds other side.

Packed 1 in a box. Shipping weight: ⅜ lb.

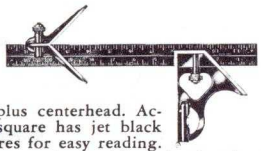
NO. 1280 COMBINATION SQUARE

Has easy-reading rust-resistant blade — black with white numbers. Blade grooved full length. All edges ground. Graduated 8ths, 16ths on one side — 16ths, 32nds on other with quick-reading figures on 32nds. Cast beam is painted black.

No.	*Blade*	*Shipping Weight*
1280	12"	¾ lb.

Packed 1 in a box.

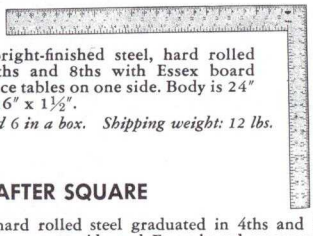
NO. 1290 DELUXE COMBINATION SQUARE



Same as No. 1280, plus centerhead. Accurate, well-finished square has jet black blade with white figures for easy reading. Double hairline level . . . cat's-eye vial . . . hardened, spring-held scriber . . . ground edges . . . cast beam and centerhead. Graduated 8ths, 16ths one side — 16ths and quick-reading 32nds other side.

Packed 1 in a box. Shipping weight: 1 lb.

NO. 1400 FRAMING SQUARE



One piece of bright-finished steel, hard rolled graduated in 4ths and 8ths with Essex board measure and Brace tables on one side. Body is 24″ x 2″; tongue is 16″ x 1½″.

Packed 6 in a box. Shipping weight: 12 lbs.

NO. 1401 RAFTER SQUARE

Single piece of hard rolled steel graduated in 4ths and 8ths, with Rafter tables on one side and Essex board measure and Brace tables on the other. Blued finish with white figures. Body is 24″ x 2″; tongue is 16″ x 1½″.

Packed 6 in a box. Shipping weight: 12 lbs.

NO. 1402 ALUMINUM RAFTER SQUARE

This square is made from one piece of lightweight aluminum alloy, tapered in thickness from angle outward. Graduated in 16ths on face; 16ths, 12ths and 10ths on back. Octagon and brace tables and 100ths scale on tongue; Essex board table on body. Body is 24″ x 2″, tongue is 16″ x 1½″.

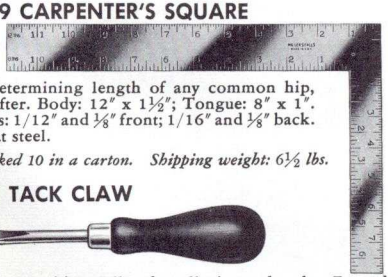
Packed 3 in a box. Shipping weight: 3⅛ lbs.

NO. 1403 COPPER RAFTER SQUARE

One-piece, highest quality steel with hardened corners. Tapered from angle outward. Rust-resistant, copper finish with white figures. Graduated in 16ths on face; 16ths, 12ths and 10ths on back. Octagon and brace tables and 100ths scale on tongue; Essex board table on body. Body is 24″ x 2″, tongue is 16″ x 1½″.

Packed 3 in a box. Shipping weight: 6⅜ lbs.
Packed 6 per box. Shipping weight: 1½ lbs.

NO. 1499 CARPENTER'S SQUARE



Ideal for determining length of any common hip, valley or rafter. Body: 12″ x 1½″; Tongue: 8″ x 1″. Graduations: 1/12″ and ⅛″ front; 1/16″ and ⅛″ back. Polished flat steel.

Packed 10 in a carton. Shipping weight: 6½ lbs.

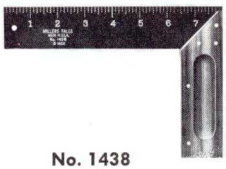
NO. 211 TACK CLAW

Quick action positive puller for all sizes of tacks. Forged high grade tool steel blade 9/32″ in diameter. Polished, black handle with nickeled ferrule. Overall length — 7″.

Packed 6 in a box. Shipping weight: 1⅛ lbs.

TRY SQUARES

Black blades with white letters. Tropical hardwood handles. Steel rivets. Brass binder Lacquer all over.



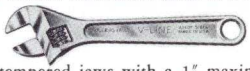
No. 1436
6″

Packed 6 per box
Shipping weight: 1¾ lbs.

No. 1438
8″

Packed 6 per box.
Shipping weight: 2⅛ lbs.

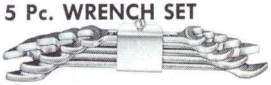
NO. 1473 8-INCH ADJUSTABLE-END WRENCH



Hardened and tempered jaws with a 1″ maximum capacity. They are ground and polished on the sides, and only ¼″ thick so as to get into narrow spaces. The adjusting screw is deeply knurled. Wrench is 8″ long and chrome plated.

Packed 6 in a box. Shipping weight: 2⅝ lbs.

NO. 1495 5 Pc. WRENCH SET



5 open-end wrenches. Sizes from 5/16″ to ¾″. Plated finish. Handy clip keeps wrenches together.

Packed 5 sets in a box. Shipping weight: 4 lbs.

NO. 10-11-12 TAP WRENCHES

Ideal for holding taps, reamers, drills and other small tools. Adjustable handle. Knurled chuck shell. Tempered jaws.

No.	Handle	Capacity	Shipping Weight
10	3¼″	1/16″–¼″	⅞ lb.
11	4¾″	1/16″–9/32″	1⅝ lbs.
	Packed 6 in a box.		
12	5¾″	7/32″–½″	1¼ lbs.
	Packed 2 in a box.		

No. 112 Set of 1 No. 10, 1 No. 11, 1 No. 12.

Packed 1 set in a box.
Shipping weight: 1⅛ lbs.

NO. 88 and 89 TAP WRENCHES

Designed to hold taps, reamers, drills and small tools turned by hand. Permanently fixed handles. Long, knurled chuck shell. Forged steel jaws, hardened, tempered and polished.

No.	Handle	Capacity	Shipping Weight
88	3½″	1/16″–¼″	1¼ lbs.
89	4½″	5/32″–½″	2⅜ lbs.

Packed 6 in a box.

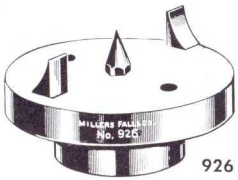
NO. 46 3-STEP TAP

Three taps in one, this versatile tool cleans out, taps or retaps holes threaded 10-32, 8-32 or 6-32 . . . the most common tap sizes. Hardened steel blade and shockproof plastic handle. Ideal for switch and outlet boxes, terminals, radio and television chassis. Blister-packed on Millers Falls "Bulls-Eye" cards.

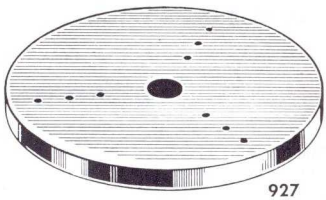
Carded and packed 6 in a box.
Shipping weight: 1¼ lbs.

935 and 937

938



926



927

920-922-924

934-936

910-912-914

928-930-932

917 and 918

915 and 916

NO. 910-912-914 CUP CENTERS

Deep machined cups with sharp rims. The keen, hardened points are replaceable. Precision ground Morse Taper Shanks.

No.	*Shank*	*Head*	*Weight*
910	# 0 M.T.	½"	1 oz.
912	# 1 M.T.	⅝"	⅛ lb.
914	# 2 M.T.	¾"	⅜ lb.

Packed 1 in a box.

NO. 915 and 916 CUP CENTERS

Sharp, hardened point is replaceable. Diameter of cup ⅝" Shank accurately bored to fit ⅝" round arbor.

No.	*Fits Arbor*	*Diameter Head*	*Shipping Weight*
915	½"	⅝"	⅜ lb.
916	⅝"	⅝"	¼ lb.

Packed 1 in a box.

NO. 917 and 918 SPUR CENTERS

Sharp, hardened point is replaceable. Four spurs insure positive drive in hard or soft wood and non-metalic materials. Shank accurately bored to fit ⅝" round arbor. Two sets screws.

No.	*Fits Arbor*	*Diameter Head*	*Shipping Weight*
917	½"	¾"	⅜ lb.
918	⅝"	¾"	¼ lb.

Packed 1 in a box.

NO. 920-922-924 SPUR CENTERS

Sharp spurs and hardened points insure positive drive for hard or soft wood and other non-metallic materials. Points are replaceable. Hardened precision ground Morse Taper Shanks.

No.	*Shank*	*Diameter Head*	*Shipping Weight*
920	# 0 M.T.	½"	1 oz.
922	# 1 M.T.	⅞"	2½ oz.
924	# 2 M.T.	1"	⅝ lb.

Packed 1 in a box.

NO. 926 FACE PLATE

Heavy ½" plate, 3" in diameter bored so spurs can be set at two diameters, 1-13/16" and 2-7/16". Center threaded for either the hardened point or screw center regularly supplied. Two hardened spurs also regular equipment. Back threaded to fit ¾" x 16T arbor.

No.	*Fits Arbor*	*Diameter Plate*	*Shipping Weight*
926	¾"-16 thread	3"	1⅜ lbs.

Packed 1 in a box.

NO. 927 6" FACE PLATE

Has 6" diameter for large face plate work up to maximum capacity of lathe. May also be used in conjunction with a lathe dog for turning metal between centers. Back threaded to fit ¾" x 16-thread arbor.

Packed 1 in a carton. Shipping weight: 2 lbs.

NO. 928-930-932 60° POINT CENTERS

Hardened, precision ground 60° centers with precision ground Morse Taper Shanks for use in tailstocks.

No.	*Shank*	*Shipping Weight*
928	# 0 M.T.	1½ oz.
930	# 1 M.T.	2½ oz.
932	# 2 M.T.	⅜ lb.

Packed 1 in a box.

NO. 934-936 60° BALL BEARING POINT CENTERS

Ball bearing 60° centers, hardened and precision ground concentric with the precision ground Morse Taper Shanks.

No.	*Shank*	*Shipping Weight*
934	# 1 M.T.	½ lb.
936	# 2 M.T.	⅜ lb.

Packed 1 in a box.

NOS. 935 and 937 BALL BEARING CUP CENTERS

A smooth-running ball bearing cup center is ideal for wood turning . . . minimizes friction, does not burn work. Maintains uniform fit of work. Maintains uniform fit of work on centers. No. 935 with # 1 Morse Taper fits No. 2180 Lathe.

No.	*Shank*	*Shipping Weight*
935	# 1 M.T.	½ lb.
937	# 2 M.T.	⅝ lb.

NO. 938 CROTCH CENTER

For centering round and square stock for drilling. Accurately milled 90° crotch. Precision ground Morse Taper Shank.

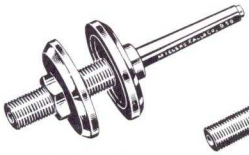
No.	*Shank*	*Diameter Head*	*Shipping Weight*
938	# 2 M.T.	2"	1 lb.

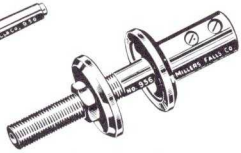
Packed 1 in a box.

940 and 942

944

946-948


950-952-954


956 and 958

NO. 940 and 942 SCREW FACE PLATES

For holding small blocks of non-metallic materials. Hardened screws. Plate 1¾" and 2" in diameter. Precision ground Morse Taper Shanks.

No.	Shank	Diameter Plate	Shipping Weight
940	#1 M.T.	1¾"	¼ lb.
942	#2 M.T.	2"	¾ lb.

Packed 1 in a box.

NO. 944 MORSE TAPER ADAPTER SLEEVE

A precision ground No. 2 Morse Taper Shank with a No. 1 Morse Taper Socket accurately bored in it. Makes it possible to use No. 1 Shanks in No. 2 Socket.

No.	Adapts	Shipping Weight
944	#1 to #2 M.T.	¼ lb.

Packed 1 in a box.

NO. 960 DRILL PAD

Face of pad accurately ground at right angles to the shank. Pad diameter 3-3/16". Precision ground Morse Taper Shank.

No.	Shank	Diameter Pad	Shipping Weight
960	#2 M.T.	3-3/16"	1⅛ lbs.

Packed 1 in a box.

NO. 946-948 WORK ARBORS with CHUCK

A useful combination of a ½" capacity three-jawed chuck and an arbor for grinding wheels, buffs and brushes with ½" hole. Maximum distance between the 2" flanges is 2¼" with chuck removed, ⅝" with chuck closed. Chuck back threaded ½"-20T. Shanks accurately bored to fit round arbors.

No.	Fits Arbor	Shipping Weight
946	½"	1⅜ lbs.
948	⅝"	1⅜ lbs.

Packed 1 in a box.

NO. 956 and 958 WORK ARBORS

For operating grinding, polishing, wire brush, buffing wheels, sanding drums, etc. with ½" holes Maximum capacity between the 2" diameter flanges is 2¼". Spindle is ½" in diameter with 20 threads per inch. Shanks accurately bored to fit round arbors. Two set screws.

No.	Fits Arbor	Shipping Weight
956	½"	¾ lb.
958	⅝"	¾ lb.

Packed 1 in a box.

NO. 950-952-954 WORK ARBORS FOR MORSE TAPER SOCKETS

Work arbors accommodate grinding and buffing wheels, wire brushes, etc. with ½" holes. Maximum capacity between the 2" diameter flanges is 1¼". Arbor threaded ½"-20T. Precision ground Morse Taper Shanks.

No.	Shank	Shipping Weight
950	#0 M.T.	½ lb.
952	#1 M.T.	½ lb.
954	#2 M.T.	⅝ lb.

Packed 1 in a box.

NO. 962 and 964 CHUCKS with MORSE TAPER SHANKS

A smooth acting chuck with three hardened, spring activated jaws for holding round shank drills and rods from 0 to ½" in diameter. Precision ground Morse Taper Shanks.

No.	Chuck Capacity	Shanks	Shipping Weight
962	0 to ½"	#1 M.T.	1 lb.
964	0 to ½"	#2 M.T.	1¼ lbs.

Packed 1 in a box.

NO. 988-966-968 DRILL CHUCKS

Finely knurled shells with three hardened, spring actuated jaws for holding all drills or rods within their capacity. Back threaded to fit on ½"-20 thread spindles. No. 968 is chrome plated and has a spanner wrench.

No.	Capacity	Fits Arbor	Shipping Weight
988	¼"	½–20 thread	¼ lb.
966	½"	½–20 thread	¾ lb.
968	½"	½–20 thread	¾ lb.

Packed 1 in a box.

NO. 970 and 972 CHUCKS with ROUND SOCKETS

Smooth operating ½" capacity chuck with three hardened, spring activated jaws for holding round shanks, drills and rods. Chuck back threaded ½"-20T. Sockets accurately bored for round shanks.

No.	Chuck	Fits Arbor	Shipping
970	½"	½"	1 lb.
972	½"	⅝"	1 lb.

Packed 1 in a box.

NO. 974 and 990 COLLET CHUCKS

Made in two sizes, ¼" and ½" respectively. Back threaded to fit an arbor ½" in diameter with 20 threads to the inch.

No.	Capacity	Fits Arbor	Shipping Weight
974	¼"	½"–20 thread	¼ lb.
990	½"	½"–20 thread	¾ lb.

Packed 1 in a box.

960

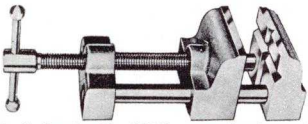
962 and 964

988-966-968

970 and 972

974 and 990

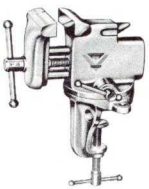
NO. 8816 VISE



The No. 8816 Vise — built for the No. 8814 — can also be used with practically any other drill press. Capacity: 3". Width of jaws: 2½". Front jaw has milled slots for gripping round and irregular shaped stock. Equipped with safety rod.

Packed 1 in a box. Shipping weight: 3⅜ lbs.

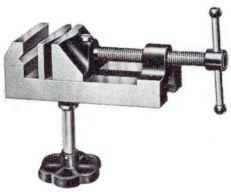
NO. 18 SWIVEL BENCH VISE



Swivel base permits jaws to be swung to any desired angle; swivel clamping mechanism is controlled by a small lever at the right. Jaws 2½" wide are milled after assembly to insure close fitting. Maximum opening 2¼". Small anvil on body casting. Clamps to bench up to two inches thick. Body in gray enamel; movable jaw in red.

Packed 1 in a box. Shipping weight: 5½ lbs.

NO. 217 BENCH DRILL VISE



Well made, nicely finished vise for bench, bench drill or drill press. Accurately machined jaws, base, sides and bearing parts. Removable swivel jaw. Steel screw. Capacity with swivel jaw inserted, 2¾"; with swivel jaw removed, 3⅛"; width of jaws, 2⅜". Screw clamp holds vise securely in place.

Packed 1 in a box. Shipping weight: 5 lbs.

NO. 161 BENCH VISE

Strong, rigid vise with machined jaws. Twin steel guide rod construction. Small anvil on body casting. Clamps to bench 2" thick with countersunk screw holes for fastening vise to front of bench. Body in gray, movable jaw red. Width jaws 2", jaws open 2½".

Packed 1 in a box. Shipping weight: 4 lbs.

NO. 663 and 664 BENCH VISES

Original twin guide rod construction operated by accurately cut steel feed screw. Jaws operate easily with no lost motion. Jaws machined after vise is assembled. Steel parts polished. Iron parts finished in red and gray enamel.

No.	*Width Jaws*	*Jaws Open*	*Shipping Weight*
663	1½"	1½"	2¼ lbs.
664	2½"	2½"	8 lbs.

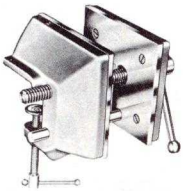
Packed 1 in a box.

NO. 1700 RIGID BENCH VISE

Twin guide rod construction insures smooth action and rigidity of the movable jaw. Jaws 2½" wide are milled parallel after assembly. Maximum opening 2¼". Small anvil on body casting. Body in gray enamel; movable jaw in red. All exposed steel parts polished. Clamps to bench up to two inches thick.

Packed 1 in a box. Shipping weight: 4 lbs.

NO. 1406 CARPENTER'S VISE



Light but strong. Can be carried easily from job to job. Clamps horizontally or vertically to bench, sawhorse or anything up to 2¼" thick. Cast iron jaws 5" wide in silver gray hammertone enamel are faced with Resinwood. Jaw capacity is 3¾". All unpainted metal parts are plated.

Packed 1 in a box. Shipping weight: 6¼ lbs.

NO. 3 HAND VISE

Cast tool steel. Jaws hardened and tempered. Sure grip serrated jaws tightened by large steel thumb nut and screw bolt. Heavy spring to open jaws. Black enameled with jaws polished. Length, 5"; width jaws, 1½"; jaws open 1¼".

Packed 1 in a box. Shipping weight: 1 lb.

NO. 976 SHAPER COLLARS

Set consists of six collars for use on ½" shaper spindles. Outside diameters 19/32", ¾", 1", 1¼", 1½", and 1¾".

No.	*Fits Spindle*	*Shipping Weight*
976	½"	¼ lb.

Packed 1 in a box.

NO. 978 SHAPER CUTTER ADAPTER

For shaper cutters with ½" holes. Maximum thickness of cutter 1¼". Shank accurately bored to fit a No. 33 Jacobs Taper Arbor. Drift pin included.

No.	*For Cutters*	*Fits Arbors*	*Shipping Weight*
978	½" hole	# 33 Jacobs	⅜ lb.

Packed 1 in a box.

NO. 980 SHAPER CUTTER ADAPTER

For using shaper cutters with holes 9/16" in diameter with 18 threads to the inch. Hardened lefthand lock screw. Shank accurately bored to fit a No. 33 Jacobs Arbor. Drift pin included.

No.	*For Cutters*	*Fits Arbors*	*Shipping Weight*
980	9/16"–18 thds.	# 33 Jacobs	⅜ lb.

Packed 1 in a box.

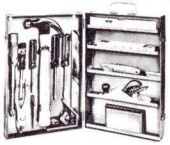
NO. 992 and 994 ABRASIVE DISC HOLDER

Anchor screw holds abrasive discs securely for grinding, polishing and sanding. No. 994 fits ½" — 20T threaded arbor No. 992 fits ¼" chuck.

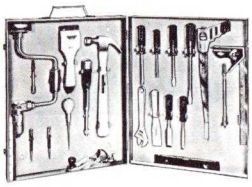
No.	*Capacity Disc*		*Shipping Weight*
992	4" to 6"	¼"	⅛ lb.
994	6" to 8"	½"–20 thread	⅜ lb.

Packed 1 in a box.

HAND TOOL KITS



No. 8



No. 10

NO. 8 HAND TOOL KIT

A set of quality-built Millers Falls tools that fills the most essential need for tools in the home. Handles the majority of ordinary repair jobs. Compact steel case has spring clips to hold tools on one side, shelves on other. Case mounts on wall or door for convenient storage . . . has carrying handle at top that swings into position when needed. Dimensions: 14⅜" high, 10-1/16" wide, 3-15/16" deep.

Tools included are:

No. 170	Automatic Drill
No. 651	4-inch Standard Screwdriver
No. 653	3-inch Cabinet Screwdriver
No. 650	#2 Phillips Screwdriver
No. 1417	16-oz. Hammer
No. 1270	Carpenter Square
No. 1430	⅜-inch Wood Chisel
No. 1470	6-inch Slip-Joint Pliers
No. 602	Nail Set (2/32")
No. 1460	6-foot Folding Rule
No. 333	Utility Knife with 5 Blades in Handle
No. 707	Block Plane
No. 1490	Torpedo Level
No. 556	Tungsten Carbide Hand Sander

Packed 1 in a carton. Shipping weight: 15 lbs.

NO. 10 DELUXE TOOL KIT

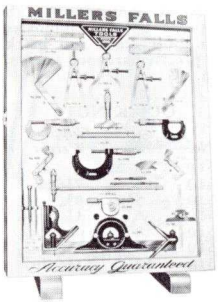
A well-balanced selection of the finest-quality Millers Falls hand tools designed for professional and amateur craftsmen who prefer the very best. Each of these professional quality tools is securely held inside a heavy duty steel carrying case by strong spring clips. Case may be mounted on a wall, back of a door or other convenient location. Has hinged handle at top for easy carrying. Dimensions: 19½" high, 16" wide, 3⅜" deep.

Tools included are:

No. 1950	Ratchet Bit Brace
No. 716	16-oz. Hammer
No. 39	2½-inch Wood Scraper
No. 170	Automatic Drill
No. 802	Nail Set (2/32")
No. 803	Nail Set (3/32")
No. 365	Awl
No. 590	Torpedo Level
No. 810	½-inch Countersink
No. 853	3-inch Cabinet Screwdriver
No. 851	4-inch Standard Screwdriver
No. 851	6-inch Standard Screwdriver
No. 850	#2 Phillips Screwdriver
No. 525	Keyhole Saw
No. 1200	Combination Square
No. 47	Expansive Bit
No. 1473	8-inch Adjustable End Wrench
No. 1404	Putty Knife
No. 1430	⅜-inch Wood Chisel
No. 1430	¾-inch Wood Chisel
No. 1460	6-foot Folding Rule
No. 1455	Block Plane

Packed 1 in a carton. Shipping weight: 27½ lbs.

NO. 765 PRECISION TOOL MERCHANDISER



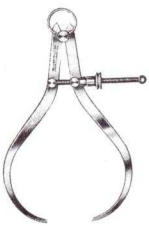
This unique richly finished birch showcase highlights the heart of Millers Falls expertly manufactured line of professional quality precision tools. Measures 24" in height, 18" in width and 2⅝" in depth. Can be effectively used as a counter or wall display. The legs can be detached easily and the glazed door is hinged with a hasp for locking. Contents listed below.

No. 8665	6" Steel Rule
No. 274	6" Steel Rule
No. 264	6" Steel Rule
No. 966	Hook Rule
No. 438	Center Gauge
No. 6	Thickness Gauge
No. 326	Thickness Gauge
No. 436	Screw Pitch Gauge
No. 135	Screw Pitch Gauge
No. 80	Depth Gauge
No. 61	Scriber
No. 75	Scriber
No. 58	Scriber
*No. 440	Speed Indicator
*No. 391	Combination Set
No. 520	4" Outside Caliper
No. 510	4" Inside Caliper
No. 500	4" Divider
*No. 31	Micrometer Depth Gauge
*No. 112R	Micrometer
*No. 701	Micrometer
*No. 712R	Micrometer
*No. 618	Inside Micrometer Capacity 2" to 6½"

* Can be easily removed or replaced for inspection.

Packed 1 unit in a carton. Shipping weight: 25 lbs.

OUTSIDE SPRING CALIPERS

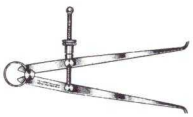


Designed for the utmost precision in taking or transferring measurements. Legs tapered, shaped and pointed for sensitive adjustments. Powerful tempered springs. Accurately machined and hardened spool eliminates side deflection. Solid or quick nuts run freely on precise, hardened screws. Finely polished finish.

SOLID NUT			QUICK NUT		
No.	*Size*	*Shipping Weight*	*No.*	*Size*	*Shipping Weight*
520	3"	4½ oz.	620	3"	4½ oz.
520	4"	8 oz.	620	4"	8 oz.
520	5"	8½ oz.	620	5"	8½ oz.
520	6"	13 oz.	620	6"	13 oz.
520	8"	1¼ lbs.	620	8"	1¼ lbs.
520	10"	1⅝ lbs.	620	10"	1⅝ lbs.
520	12"	1⅞ lbs.	620	12"	1⅞ lbs.

Packed 3 in a box.

INSIDE SPRING CALIPERS



The same design and construction as the outside type. Carefully machined and hardened spool in conjunction with powerful tempered spring eliminates side deflection. Both solid and quick nut types have precise hardened screws. Polished finish.

SOLID NUT			QUICK NUT		
No.	*Size*	*Shipping Weight*	*No.*	*Size*	*Shipping Weight*
510	3″	5 oz.	610	3″	5 oz.
510	4″	7 oz.	610	4″	7½ oz.
510	5″	8 oz.	610	5″	8¾ oz.
510	6″	11½ oz.	610	6″	11½ oz.
510	8″	1–1/16 lbs.	610	8″	1–1/16 lbs.
510	10″	1½ lbs.	610	10″	1½ lbs.
510	12″	2 lbs.	610	12″	1⅝ lbs.

Packed 3 in a box.

HERMAPHRODITE SPRING CALIPERS

Design and construction same as the outside and inside types. Hardened spools and screws. Powerful tempered springs. Polished finish.

SOLID NUT			QUICK NUT		
No.	*Size*	*Shipping Weight*	*No.*	*Size*	*Shipping Weight*
530	3″	4½ oz.	630	3″	5 oz.
530	4″	6½ oz.	630	4″	6½ oz.
530	5″	8½ oz.	630	5″	8½ oz.
530	6″	11½ oz.	630	6″	11 oz.

Packed 3 in a box.

SPRING DIVIDERS

General design and construction same as the outside and inside calipers. Carefully machined and hardened spools with powerful tempered springs. Free running solid or quick nuts operate on hardened screws. Polished finish.

SOLID NUT			QUICK NUT		
No.	*Size*	*Shipping Weight*	*No.*	*Size*	*Shipping Weight*
500	3″	5 oz.	600	3″	4½ oz.
500	4″	8 oz.	600	4″	6 oz.
500	5″	8 oz.	600	5″	8½ oz.
500	6″	11½ oz.	600	6″	11½ oz.
500	8″	1⅛ lbs.	600	8″	1⅛ lbs.
500	10″	1½ lbs.	600	10″	1⅝ lbs.
500	12″	1¾ lbs.	600	12″	1¾ lbs.

Packed 3 in a box.

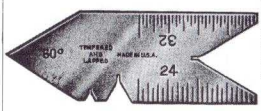
WING DIVIDERS

No.	*Shipping Weight*
203	2 lbs.
204	2⅛ lbs.
205	2¼ lbs.

Packed 6 in a box.

Three versatile tools that feature spring-tensioned adjustments, pressed steel arms, hardened points and knurled adjusting screws for "built-in" accuracy. One adjustable leg on No. 204 and two on No. 205 can be replaced with pencils or other accessory equipment with 5/16″ shank (legs, scribes, ball points). Length: 7″.

NO. 438 CENTER GAUGE



Best quality spring tempered crucible steel. Lapped in notches to a light-tight fit with standard 60 degree angles. Graduated one corner each in 32nds, 24th, 20ths, and 14th. Thickness: 1/20 inch.

Packed 6 in a box.
Shipping weight: 1½ oz.

NO. 135 SCREW PITCH GAUGE

Has 22 pitches for V-threads, as follows: 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38 and 40. Length of leaves: 1 inch.

NO. 436 SCREW PITCH GAUGE

Has 30 pitches for V-threads as follows: 4, 4½, 5, 5½, 6, 7, 8, 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42. Length of leaves: 1⅛ inches.

No.	*Leaves*	*Shipping Weight*
135	22	1 oz.
436	30	2 oz.

Packed 1 in a box.

NOS. 755 and 889 SURFACE GAUGES

Carefully ground base, 3″ x 2½″ x ⅞″, has V-groove for mounting on round work. Retractable pins in base for linear work. Two lengths of spindle. Scriber head has spring control. When gauge is used with dial indicator, hardened steel scriber may be removed. Fine adjustment of spindle to any angle above or below base. Spindle has marker on lower end for use as a scratch gauge.

No.	*Spindle*	*Shipping Weight*
755	5″	2 lbs.
889	9″	2 lbs. 2 oz.

Packed 1 in a box.

NO. 6 THICKNESS GAUGE

This gauge has six precision steel leaves .002, .003, .004, .006, .008, and .010 inch thick. Thickness clearly etched on each leaf. Double steel case for protection. Leaves 2-5/16″ long and ½″ wide.

Packed 6 in a box.
Shipping weight: 5 oz.

NO. 9 THICKNESS GAUGE

Has nine precision steel leaves .0015, .002, .003, .004, .006, .008, .010, .013, .020 inch thick and 3-1/16″ long, in suitable double steel case. Thickness etched on each leaf. Leaves: 3-1/16″ x ½″.

Packed 6 in a box.
Shipping weight: 8 oz.

NOS. 19, 22, 926 THICKNESS GAUGES

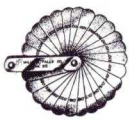
Finished throughout with each leaf burred, buffed and clearly etched with thickness in thousandths. Screw studs at leaf end of polished case permit replacement of leaves or tension adjustment.

No. 19. Has 9 leaves 3-1/16" long, ½" wide and .0015, .002, .003, .004, .006, .008, .010, .012, .015 inch thick.
Packed 6 in a box. Shipping weight: 7½ oz.

No. 22. Has 22 leaves 2-5/16" long, ½" wide and .004, .005, .006, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .019, .020, .021, .022, .023, .024 and .025.
Packed 6 in a box. Shipping weight: 15 oz.

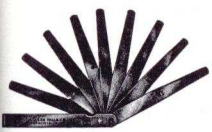
No. 926. Has 26 leaves 3-1/16" long, ½" wide and .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025.
Packed 6 in a box. Shipping weight: 1-3/16 lbs.

NO. 25 THICKNESS GAUGE



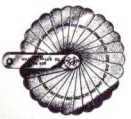
Has 25 clearly-etched leaves from .0015 to .025 inch thick. Double steel case. Leaves: 2-5/16" x ½".
Packed 6 in a box. Shipping weight: 1 lb.

NO. 91 THICKNESS GAUGE (Tapered Leaves)



9 steel leaves that will not "swedge" out or lose dimensional accuracy. Leaves 4½" long x ½" wide and tapered. Case notched for easy access to leaves. Thickness: .0015 to .015. Replaceable leaves. One per plastic vial.
Packed 4 in a box.
Shipping weight: 7 oz.

NOS. 319, 322, 326 THICKNESS GAUGES



No. 319. Has 9 leaves 3-1/16" long, ½" wide and .0015 to .015 inch thick.
Packed 6 in a box.
Shipping weight: 7½ oz.

No. 322. Has 22 leaves 2-5/16" long, ½" wide and .004 to .025 inch thick.
Packed 6 in a box.
Shipping weight: 15 oz.

No. 326. Has 26 leaves 3-1/16" long, ½" wide and .0015 to .025 inch thick.
Packed 6 in a box.
Shipping weight: 1-3/16 lbs.

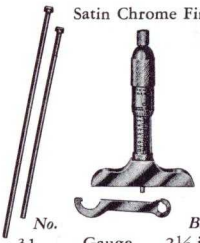
NO. 100 THICKNESS STOCK STRIPS

Made of the finest gauge steel with thickness legibly etched on each strip at two points. Ends nicely rounded and finished. Thickness available in .0015, .002, .0025, .003 — then by thousandths through .025 inch. Length: 12". Width: ½".

No.	*Thickness*	*Shipping Weight*
100	.0015 to .003	8 oz.
100	.004 to .006	14 oz.
100	.007 to .025	1 lb. 2 oz.

Packed 6 in a box.

MICROMETER DEPTH GAUGES (1/1000)



Satin Chrome Finish Accuracy Guaranteed

For accurate measurements of depth of holes, slots, shoulders and projections. Has full 1" range — measuring by 1/1000th of an inch. Three measuring rods give 0" to 3" capacity. Base, ½" wide. Base hardened and lapped flat. Extra rods for greater capacities on special order.

No.	*Base*	*Capacity*	*Shipping Weight*
31	Gauge 2½ inches	0 to 3 inches	8 oz.
32131	Leather Case		5 oz.
32	Gauge 4 inches	0 to 3 inches	12 oz.
32132	Leather Case		7 oz.

Packed 1 in a box.

Extra Set of 3 Rods for measurements 3 to 6 inches
Extra Set of 6 Rods for measurements 6 to 12 inches
Must be fitted to head with which they are to be used.

NO. 38R MICROMETER HEAD (1/1000)

Satin Chrome Finish Accuracy Guaranteed

For use on special gauges, fixtures and machines where precision measurements are required. The spindle, lead screw, barrel, thimble and ratchet mechanism are exactly the same as used on the No. 112R Micrometer. Graduated to read by 1/1000th from 0" to 1".

No.	*Capacity*	*Shipping Weight*
38R	0 to 1 inch	3½ oz.

Packed 1 in a box.

INSIDE MICROMETERS (1/1000)

Satin Chrome Finish Accuracy Guaranteed

Lead screw has ½" run and the barrel has two sets of graduations, permitting direct readings with or without collars. Furnished with a long solid handle for use in places inaccessible to the hand.

No.		*Capacity*	*Shipping Weight*
1218	Micrometer with Handle	2 to 12½ inches	10½ oz.
32118	Case		11 oz.

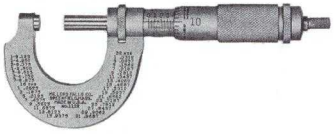
Supplied with seven rods, one ½ inch and one 1 inch bushing, giving a range from 2" to 12½" by 1/1000ths of an inch.

618	Micrometer with Handle	2 to 6½ inches	7 oz.
32118	Case		11 oz.

Supplied with three rods, one ½ inch and one 1 inch bushing, giving a range from 2" to 6½" by 1/1000ths of an inch.

Packed 1 in a box.

NO. 112RK MICROMETER (1/1000)



With Carbide Faces

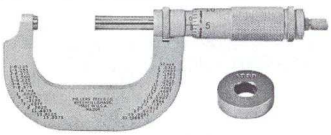
Satin Chrome Finish Accuracy Guaranteed

Tungsten-Carbide tips on both anvil and spindle faces resist abrasion, insure accuracy under severe abrasive conditions. Cut-away anvil permits measurements in confined spaces. Equipped with a ratchet stop located on the thimble. Clamp ring set in the frame locks the spindle at any desired reading. Speeder provided on end of thimble for running spindle in and out rapidly. Anvil and spindle hardened and precision ground. Measuring faces lapped for precise parallelism. The 1/1000th increments numbered for quicker, easier reading. Decimal equivalents etched on the drop-forged steel frame. Every necessary compensation for wear is provided. Capacity: 0 to 1".

No.		*Capacity*	*Shipping Weight*
112RK	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.

Packed 1 in a box.

NO. 20RK MICROMETER (1/1000)



With Carbide Faces

Same construction and finish as No. 112RK, but has capacity from 1 to 2 inches, either lengths or diameters. No. 563 one-inch micrometer standard included.

No.		*Capacity*	*Shipping Weight*
20RK	Micrometer	1 to 2 inches	11 oz.
32119	Case		5 oz.

Packed 1 in a box.

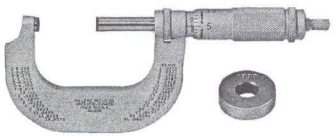
NO. 902R MICROMETER (1/10,000)

Same construction and finish as No. 112R, but reading by 1/10,000 of an inch.

No.		*Capacity*	*Shipping Weight*
902R	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.

Packed 1 in a box.

NO. 20R MICROMETER (1/1000)



Same construction and finish as No. 112R, but has capacity from 1 to 2 inches, either lengths or diameters. No. 563 one-inch micrometer standard included.

No.		*Capacity*	*Shipping Weight*
20R	Micrometer	1 to 2 inches	11 oz.
32119	Case		5 oz.

Packed 1 in a box.

NO. 902RK MICROMETER (1/10,000)

With Carbide Faces

Same construction and finish as No. 112RK, but reading by 1/10,000 of an inch.

No.		*Capacity*	*Shipping Weight*
902RK	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.

Packed 1 in a box.

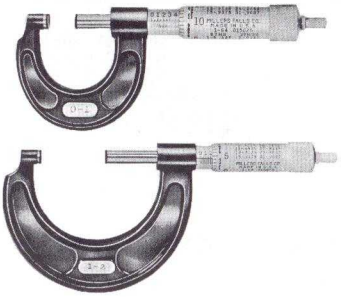
NO. 112R MICROMETER (1/1000)

Same construction and finish as No. 112RK, but with standard steel anvil and spindle faces.

No.		*Capacity*	*Shipping Weight*
112R	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.

Packed 1 in a box.

NO. 701K SERIES MICROMETER (1/1000)



With Carbide Faces

Satin Chrome Finish Accuracy Guaranteed

Drop forged steel frame. Cut-away feature at the anvil permits measurements in confined spaces, and ribbed design of frame gives great rigidity for maintained accuracy. Decimal equivalents stamped on thimble which is also provided with a speeder for rapid movement. Sleeve and thimble satin chrome finish with 1/1000th increments numbered for quicker, easier reading. Tungsten-carbide tips on both anvil and spindle faces resist abrasion, insure accuracy under severe abrasive conditions.

No.		*Capacity*	*Shipping Weight*
701K	Micrometer	0 to 1 inch	6 oz.
32112	Leatherette Case		4 oz.
712K	Micrometer	1 to 2 inches	11 oz.
32120	Leatherette Case		8 oz.
723K	Micrometer	2 to 3 inches	14 oz.
32123	Leatherette Case		11 oz.
734K	Micrometer	3 to 4 inches	1⅛ lbs.
32134	Leatherette Case		12 oz.
745K	Micrometer	4 to 5 inches	1⅝ lbs.
32145	Leatherette Case		1–1/16 lbs.
756K	Micrometer	5 to 6 inches	2⅛ lbs.
32156	Leatherette Case		1¼ lbs.

Packed 1 in a box.

NO. 7010K SERIES MICROMETER (1/10,000)

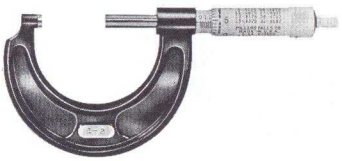
With Carbide Faces

Same construction and finish as 701K Series, but reading by 1/10,000th of an inch.

No.		*Capacity*	*Shipping Weight*
7010K	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.
7120K	Micrometer	1 to 2 inches	11 oz.
32120	Case		8 oz.
7230K	Micrometer	2 to 3 inches	14 oz.
32123	Case		11 oz.
7340K	Micrometer	3 to 4 inches	1⅛ lbs.
32134	Case		12 oz.
7450K	Micrometer	4 to 5 inches	1⅝ lbs.
32145	Case		1–1/16 lbs.
7560K	Micrometer	5 to 6 inches	2⅛ lbs.
32156	Case		1¼ lbs.

All above items packed 1 in a box.

NO. 701 SERIES MICROMETER (1/1000)



Same construction and finish as 701K Series, but with standard steel anvil and spindle faces.

No.		*Capacity*	*Shipping Weight*
701	Micrometer	0 to 1 inch	6 oz.
32112	Leatherette Case		4 oz.
712	Micrometer	1 to 2 inches	11 oz.
32120	Leatherette Case		8 oz.
723	Micrometer	2 to 3 inches	14 oz.
32123	Leatherette Case		11 oz.
734	Micrometer	3 to 4 inches	1⅛ lbs.
32134	Leatherette Case		12 oz.
745	Micrometer	4 to 5 inches	1⅝ lbs.
32145	Leatherette Case		1-1/16 lbs.
756	Micrometer	5 to 6 inches	2¼ lbs.
32156	Leatherette Case		1¼ lbs.

Packed 1 in a box.

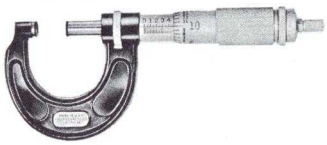
NO. 7010 SERIES MICROMETER (1/10,000)

Same construction and finish as 701 Series, but reading by 1/10,000 of an inch.

No.		Capacity	Shipping Weight
7010	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.
7120	Micrometer	1 to 2 inches	11 oz.
32120	Case		8 oz.
7230	Micrometer	2 to 3 inches	14 oz.
32123	Case		11 oz.
7340	Micrometer	3 to 4 inches	1-1/8 lbs.
32134	Case		12 oz.
7450	Micrometer	4 to 5 inches	1-5/8 lbs.
32145	Case		1-1/16 lbs.
7560	Micrometer	5 to 6 inches	2-1/8 lbs.
32156	Case		1-1/4 lbs.

All above items packed 1 in a box.

NO. 701RK SERIES MICROMETER (1/1000)



With Carbide Faces
Satin Chrome Finish Accuracy Guaranteed

Provided with positive spindle lock at any desired reading by the clamp ring set in the frame. The thimble is equipped with both a ratchet stop mechanism and a speeder for fast movement of spindle. Tungsten-carbide tips on both anvil and spindle faces resist abrasion, insure accuracy under severe abrasive conditions. Sleeve and spindle satin chrome finished, with 1/1000 increments numbered for quick, easy reading. Ribbed frame design affords greater rigidity.

No.		*Capacity*	*Shipping Weight*
701RK	Micrometer	0 to 1 inch	6 oz.
32112	Leatherette Case		4 oz.
712RK	Micrometer	1 to 2 inches	11 oz.
32120	Leatherette Case		8 oz.
723RK	Micrometer	2 to 3 inches	14 oz.
32123	Leatherette Case		11 oz.
734RK	Micrometer	3 to 4 inches	1⅛ lbs.
32134	Leatherette Case		12 oz.
745RK	Micrometer	4 to 5 inches	1⅝ lbs.
32145	Leatherette Case		1-1/16 lbs.
756RK	Micrometer	5 to 6 inches	2¼ lbs.
32156	Leatherette Case		1¼ lbs.

All above items packed 1 in a box.

NO. 7010RK SERIES MICROMETER (1/10,000)

With Carbide Faces

Same construction and finish as 701RK Series, but reading by 1/10,000th of an inch.

No.		*Capacity*	*Shipping Weight*
7010RK	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.
7120RK	Micrometer	1 to 2 inches	11 oz.
32120	Case		8 oz.
7230RK	Micrometer	2 to 3 inches	14 oz.
32123	Case		11 oz.
7340RK	Micrometer	3 to 4 inches	1⅛ lbs.
32134	Case		12 oz.
7450RK	Micrometer	4 to 5 inches	1⅝ lbs.
32145	Case		1-1/16 lbs.
7560RK	Micrometer	5 to 6 inches	2⅛ lbs.
32156	Case		1¼ lbs.

All above items packed 1 in a box.

NO. 7010R SERIES MICROMETER (1/10,000)

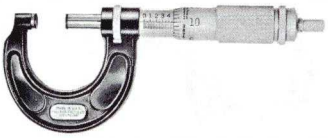
Same construction and finish as 701R Series, but reading by 1/10,000th of an inch.

No.		*Capacity*	*Shipping Weight*
7010R	Micrometer	0 to 1 inch	6 oz.
32112	Case		4 oz.
7120R	Micrometer	1 to 2 inches	11 oz.
32120	Case		8 oz.
7230R	Micrometer	2 to 3 inches	14 oz.
32123	Case		11 oz.
7340R	Micrometer	3 to 4 inches	1⅛ lbs.
32134	Case		12 oz.
7450R	Micrometer	4 to 5 inches	1⅝ lbs.
32145	Case		1-1/16 lbs.
7560R	Micrometer	5 to 6 inches	2⅛ lbs.
32156	Case		1¼ lbs.

All above items packed 1 in a box.

ALL MICROMETERS WITH "R" IN NUMBER ARE EQUIPPED WITH RATCHET STOP.

NO. 701R SERIES MICROMETER (1/1000)

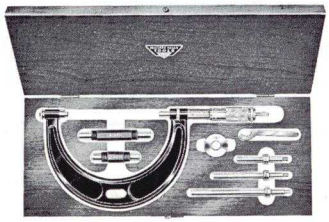


Same construction and finish as No. 701RK, but with standard steel anvil and spindle faces.

No.		*Capacity*	*Shipping Weight*
701R	Micrometer	0 to 1 inch	6 oz.
32112	Leatherette Case		4 oz.
712R	Micrometer	1 to 2 inches	11 oz.
32120	Leatherette Case		8 oz.
723R	Micrometer	2 to 3 inches	14 oz.
32123	Leatherette Case		11 oz.
734R	Micrometer	3 to 4 inches	1⅛ lbs.
32134	Leatherette Case		12 oz.
745R	Micrometer	4 to 5 inches	1⅝ lbs.
32145	Leatherette Case		1–1/16 lbs.
756R	Micrometer	5 to 6 inches	2⅛ lbs.
32156	Leatherette Case		1¼ lbs.

All above items packed 1 in a box.

704R MICROMETER SET



Capacity 0" to 4" by 1/1000 inch
Satin Chrome Finish Accuracy Guaranteed

Four interchangeable anvils provide a range of 0 to 4 inches which covers the pistons and crank shafts in the great majority of automotive and aviation applications. Cut-away drop forged steel frame finished in black enamel. Precision ground lead screw. Spindle locking device in frame. Thimble equipped with ratchet stop mechanism and speeder. Set includes three precision standards. Packed in handsome walnut case.

Packed 1 set in a box. Shipping weight: 3⅛ lbs.

NO. 563 MICROMETER STANDARDS

Made of tool steel, hardened and ground with the ends lapped parallel to each other making precise setting easier and surer. One inch standard is a round disc, all others are 5/16" rods in hard rubber octagon holders to prevent rolling and elongation from hand heat.

No.	*Capacity*	*Shipping Weight*
563	1"	½ oz.
563	2"	1 oz.
563	3"	2 oz.
563	4"	2 oz.
563	5"	2 oz.
563	6"	3 oz.

Packed 1 in a box.

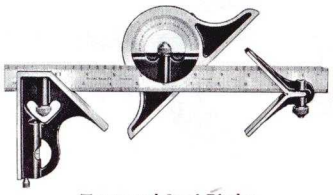
BEVEL PROTRACTORS

The blade is held in a revolving turret by a round-ended bolt. Turret is accurately fitted and engine graduated to 90 degrees either side of zero. It carries a level which is accurately set. Body is approximately 7 inches long. Blade graduated in 8th, 16th, 32nds and 64ths.

No.	*Blade*	*Shipping Weight*
180	Head only	11 oz.
181	9 inches	15 oz.
182	12 inches	1 lb.

Packed 1 in a box.

COMBINATION SETS



Tempered Steel Blades

Useful combinations for machinists or tool makers. Beams and center heads are made of hard gray iron. Finished in ebony enamel. The blades are tempered crucible steel, engine graduated, in 8th, 16th, 32nds and 64ths inch for Nos. 390 and 391; 32nds; 64ths, 50ths and 100ths for No. 3910. Protractor accurately graduated 90 degrees both sides of 0.

No.	*Blades*	*Grad.*	*Shipping Weight*
390	9 inches	⅛ 4	1⅝ lbs.
391	12 inches	⅛ 4	1¾ lbs.
3910	12 inches	⅛ 16	1¾ lbs.

Packed 1 in a box.

COMBINATION SQUARES

Tempered Steel Blades

These squares have hard gray iron beams and center heads that are finished in ebony enamel. No protractor provided. The blades are tempered crucible steel, engine graduated in 8ths, 16ths, 32nds and 64ths inch for Nos. 361, 362, 363; 32nds, 64ths, 50ths and 100ths for No. 3630.

No.	*Blade*	*Grad.*	*Shipping Weight*
361	6 inches	⅛ 4	13 oz.
362	9 inches	⅛ 4	1 lb.
363	12 inches	⅛ 4	1⅛ lbs.
3630	12 inches	⅛ 16	1⅛ lbs.

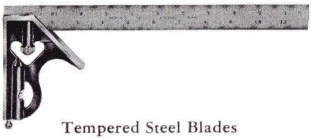
Packed 1 in a box.

BLADES ONLY FOR COMBINATION SQUARES AND PROTRACTORS

No.	*Blade*	*Grad.*	*Fits Square*	*Shipping Weight*
116	6 inches	⅛ 16	361, 371	8 oz.
116	12 inches	⅛ 16	3630, 3730, 3910, 180,182	1⅛ oz.
116	18 inches	⅛ 16	3630, 3730, 3910	1¾ oz.
116	24 inches	⅛ 16	3630, 3730, 3910	2⅜ oz.
161	6 inches	⅛ 4	361, 371	8 oz.
162	9 inches	⅛ 4	372, 390, 180, 181	14 oz.
163	12 inches	⅛ 4	363, 373, 391, 180, 182	1⅛ oz.

Packed 4 in a box.

COMBINATION SQUARES



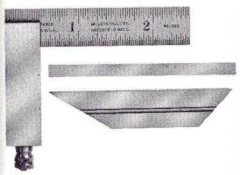
Tempered Steel Blades

These squares have hard gray iron beams that are finished in ebony enamel. No protractor or center head provided. The blades are tempered crucible steel, engine graduated in 8ths, 16ths, 32nds and 64ths inch for Nos. 371, 372, 373; 32nds, 64ths, 50ths and 100ths for No. 3730.

No.	*Blade*	*Grad.*	*Shipping Weight*
371	6 inches	⅛ 4	10 oz.
372	9 inches	⅛ 4	13 oz.
373	12 inches	⅛ 4	15 oz.
3730	12 inches	⅛ 16	15 oz.

Packed 1 in a box.

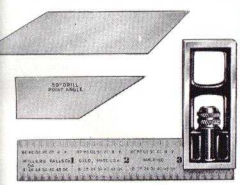
NO. 222 TOOLMAKERS' DOUBLE STEEL SQUARE SET



Toolmakers' square has three blades – one 2½ x ½ inch sliding blade graduated in 32nds and 64ths, adjustable right or left; one bevel blade, 45 degrees on one end and 30 degrees on the other; and one narrow blade ⅛ inch wide. All are interchangeable and lock securely by tightening the thumb nut in the beam, which is hardened, ground and lapped.

Packed 1 in a box.
Shipping weight: 3 oz.

DOUBLE SQUARE SETS



Versatile, compact tools for accurate checking of inside squareness, outside squareness, parallelism and drill point angle or for laying out hexagons and octagons. Selected tool steel alloy blades grooved full length for easy attachment to square head. Four-inch graduated blades have quick-reading figures on face with finest graduations.

No.	*Blade*	*Shipping Weight*
304	4 inches — ⅛ 4 Grad.	5 oz.
316	4 inches — ⅛ 16 Grad.	5 oz.

Packed 1 in a box.

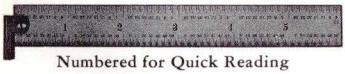
NO. 80 RULE DEPTH GAUGE

Has a milled and ground base 3" long and a narrow tempered steel rule 6" long. Blade can be turned parallel to the base for easy storing or carrying. Also makes a useful T-square. Rule graduated in 32nds and 64ths of an inch. Head is graduated with lines indicating 30, 45 and 60 degrees.

No.	*Length*	*Shipping Weight*
80	6"	2 oz.

Packed 1 in a box.

NO. 966 TEMPERED HOOK RULE

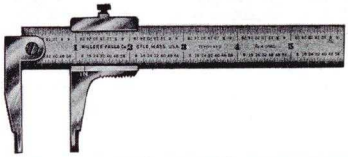


Numbered for Quick Reading

Hardened steel hook is locked onto rule by hardened eccentric bolt and is easily detachable. Graduated full length in 8ths, 16ths, 32nds and 64ths, with the 32nds and 64ths graduations numbered at each ⅛". Length: 6". Width: ¾". Thickness: 1/20".

Packed 1 in a box. Shipping weight: 1½ oz.

NO. 306 SLIDE CALIPER RULE



For fast and accurate inside or outside measurements. Smooth acting spring tensioned slide has milled-groove thumb grip for positive one-hand "snap gauge" operation. Six-inch spring tempered high carbon steel blade carefully ground and lapped for precise parallelism. Graduated 8ths and 16ths one side, 32nds and 64ths other side. Quick-reading figures on 32nds and 64ths side. Zero line on slide for precise inside measurements. Depth of Jaws: 1½". Blade: 6".

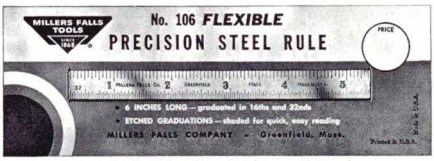
Packed 1 in a box. Shipping weight: 3½ oz.

NO. 20 NARROW STEEL RULE

6-inch precision steel rule ¼" wide with pocket clip which also acts as a base when rule is used as a depth gauge. Graduated in 32nds of an inch on one side, in 64ths on the other. Etched graduations and numerals mounted on a card. Width, ¼". Thickness, 1/20".

Packed 6 in a box.
Shipping weight: ¼ lb.

NO. 106 FLEXIBLE STEEL RULE



Heat-treated 6-inch rule. Precision graduated on two edges in 16ths and 32nds of an inch, figures are deeply etched and shaped for easy reading. Each rule mounted on a card. Width, ½". Thickness, 1/100".

Packed 6 in a box. Shipping weight: ¼ lb.

NO. 260 SATIN CHROME FINISH RULE

Same construction features as No. 106, but with Satin Chrome finish for non-glare reading. Dark, clearly etched graduations in 32nds and 64ths on one side, 10ths and 100ths on reverse. Individually mounted. Length: 6". Width: ½". Thickness: 1/100".

Packed 6 in a box. Shipping weight: 4 oz.

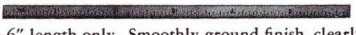
SEMI-FLEXIBLE TEMPERED RULES

A semi-flexible precision rule with a smoothly ground finish and clearly etched graduations and figures. Graduated on four edges in 8ths, 16ths, 32nds and 64ths. No. 253 is end graduated also.

No.	*Length*	*Width*	*Thickness*	*Shipping Weight*
253	6"	⅝"	1/50"	3½ oz.
255	12"	¾"	1/50"	7 oz.

Packed 6 in a box.

NO. 274 NARROW TEMPERED RULE



Made in 6" length only. Smoothly ground finish, clearly etched graduations and figures. Graduated in 32nds on one edge one side and 64ths on the other side. Length: 6". Width: ¼". Thickness: 1/20".

Packed 6 in a box. Shipping weight: 2½ oz.

FLEXIBLE TEMPERED RULES

Made of thin, flexible tempered steel, polished with clearly etched graduations and figures. Graduated on two edges, one side only, in 32nds and 64ths. Also end graduated.

No.	*Length*	*Width*	*Thickness*	*Shipping Weight*
264	6″	½″	1/100″	1½ oz.
264R	6″	½″	1/100″	1½ oz.

Same as No. 264 but numbered at each ⅛ graduation for quick reading, and not end graduated.

Packed 6 in a box.

NO. 2645 SATIN CHROME FINISH RULE

This is the same as No. 264 above but with a very fine satin chrome finish for non-glare reading.

No.	*Length*	*Width*	*Thickness*	*Shipping Weight*
2645	6″	½″	1/100″	2 oz.

Packed 6 in a box.

LIGHT TEMPERED RULES

Numbered for Quick Reading

A light tempered rule with smoothly ground finish and clearly etched graduations and figures. Graduated on four edges in 8ths, 16ths, 32nds and 64ths with the 32nds and 64ths numbered at each ⅛″ graduation line for quick reading.

No.	*Length*	*Width*	*Thickness*	*Shipping Weight*
866	6″	¾″	1/20″	6½ oz.
866	12″	1″	1/20″	1¼ lbs.
866	18″	1″	1/20″	2 lbs.

Packed 6 in a box.

NO. 8665 SATIN CHROME FINISH RULES

This is the same as No. 866 above but with a very fine satin chrome finish for easier reading and to prevent tarnish.

No.	*Length*	*Width*	*Thickness*	*Shipping Weight*
8665	6″	¾″	1/20″	6½ oz.
8665	12″	1″	1/20″	1⅛ lbs.

Packed 6 in a box.

SCRIBERS

Made from fine steel with carefully tapered and tempered points.

No.		*Length*	*Shipping Weight*
58	Single Point	4½″	2½ oz.
61	Double Point	6½″	7 oz.
62	Double Point	9″	10 oz.

Packed 6 in a box.

NO. 75 POCKET SCRIBER

Body of fine knurled steel tubing and fitted with chuck holds the drawn and tempered scriber point. The point can be removed and reversed for protection. Overall length: 4⅞″. Blade length: 2⅜″.

Packed 6 in a box. Shipping weight: 3½ oz.

NO. 440 SPEED INDICATOR

A well-built, low-priced indicator with fixed dial graduated in both directions so it can always be read direct. Rotating dial quickly set to 0 by loosening knurled thumb screw, turning to position and tightening thumb screw. Entire tool nickeled and buffed. Two rubber tips are provided, one for centered and one for pointed shafts. Length: 4¼″.

Packed 1 in a box. Shipping weight: 6 oz.

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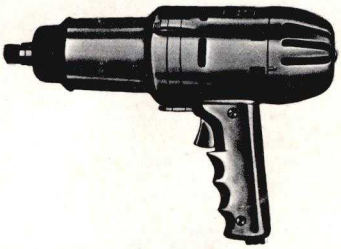

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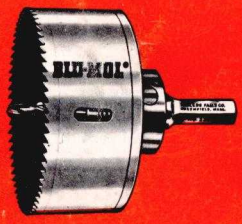

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